

THE
ILLUSTRATED
SHEFFIELD LIST.

ENTERED AT STATIONERS' HALL.

FOURTH EDITION.

No. 3106

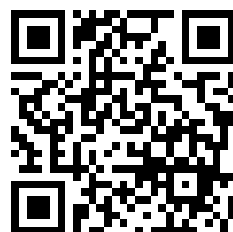
SHEFFIELD

KING AND ROBSON, ENGRAVERS, LITHOGRAPHERS, AND PRINTERS, GRANVILLE STREET, SHEFFIELD.

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ENTERED AT STATIONERS' HALL.

c 18612. d 40



B B BROOKES BROTHERS

MANUFACTURERS



BRUNSWICK WORKS, ELDON STREET,

SHEFFIELD,

LIGHT AND HEAVY EDGE TOOLS,

JOINERS' TOOLS,

ENGINEERS' TOOLS,

SINGLE & DOUBLE ACTION

RATCHET DRILLS,

COACH AND RAILWAY

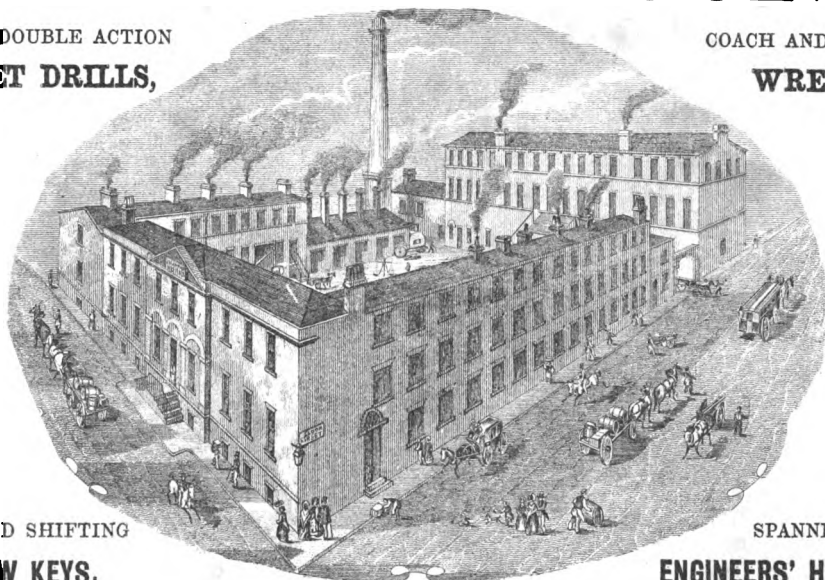
WRENCHES,

LIFTING

JACKS,

RIGGING

SCREWS,



IMPROVED SHIFTING

SCREW KEYS,

SPANNERS,

ENGINEERS' HAMMERS,

SCREW STOCKS AND DIES, LATHE CARRIERS, AND TOOLS OF EVERY DESCRIPTION;

Emigrants', Gentleman's, & Horticultural Tool Chests;

GARDEN TOOLS,

IN EVERY VARIETY, COMPRISING PRUNING AND GARDEN SHEARS, HOES, RAKES, FORKS, BILLS,
TROWELS, &c.;

STEEL TOYS IN GENERAL,

Hammers, Pliers, Compasses, Carpenters' Pincers, Cutting Nippers, Hand Vices, Bench Vices, Sugar
Nippers, Nutcracks, Snuffers, Scissors, Corkscrews, Boothooks, Nail and Champagne Nippers;

TABLE CUTLERY,

PEN & POCKET CUTLERY, SAWS, FILES, &c.;

AND

GENERAL MERCHANTS;

BEST REFINED CAST STEEL, SINGLE AND DOUBLE SHEAR AND BLISTERED STEEL.

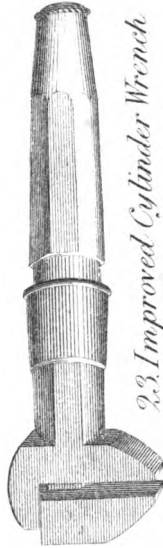


600016206L

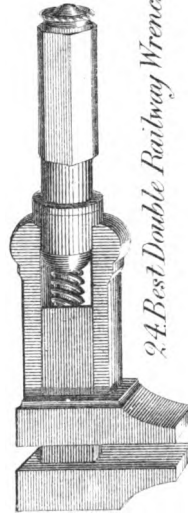




21. Double Coach Wrench.



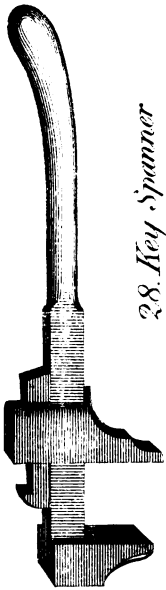
22. Improved Cylinder Wrench.



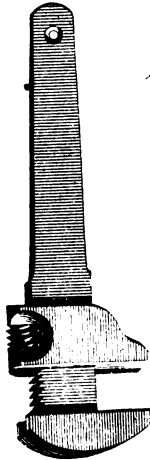
23. Best Double Railway Wrench.



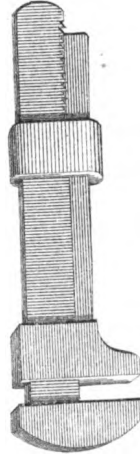
24. Best Double Wrench.



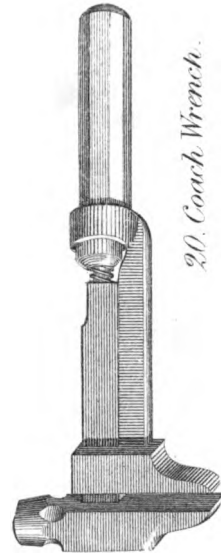
25. Key Spanner.



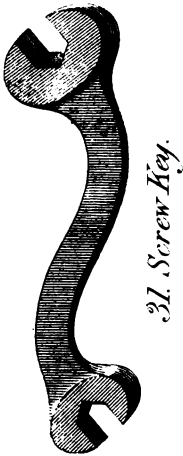
26. Budding's Spanner.



27. Improved Rack-Spanner.



28. Coach Wrench.



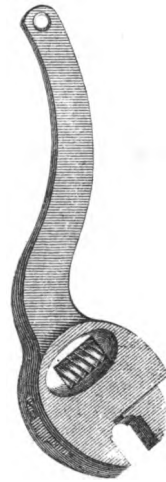
29. Screw Key.



30. Screw Key.



31. Screw Key.

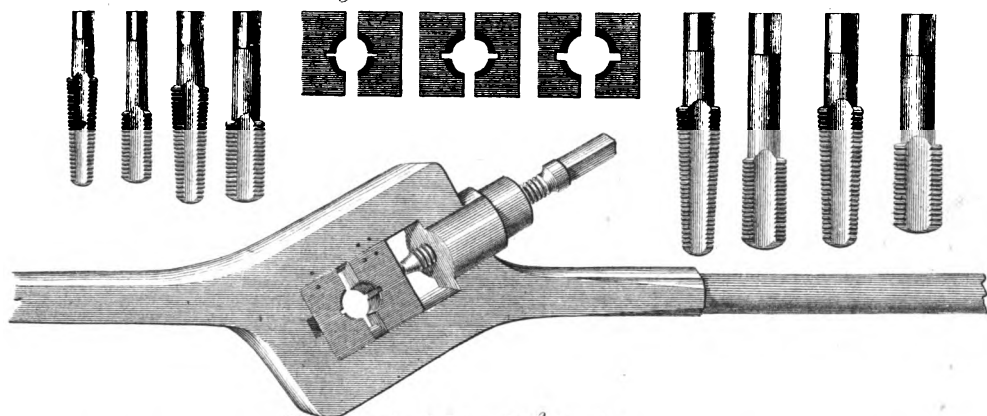


32. Clyburn's Spanner.

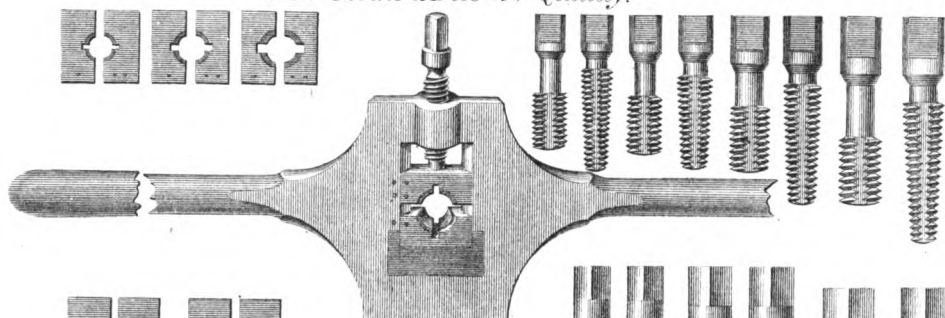
For Prices see Page 1.

32. Best Double Handed Screw Stocks & Dies
with 4 Pair of Dies & 4 each Taper & Plug Taps.

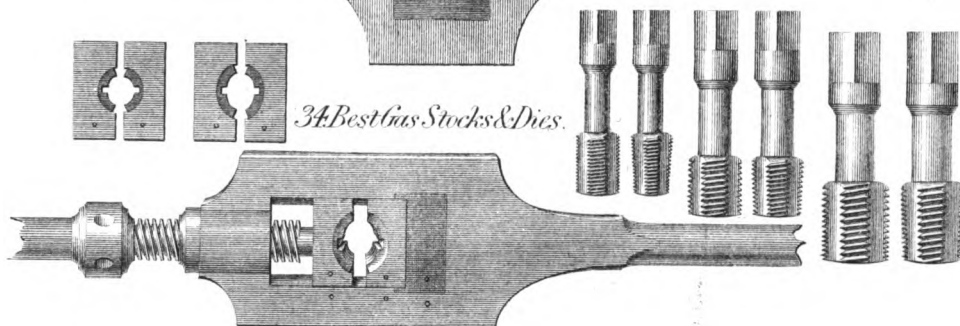
Plate 2.



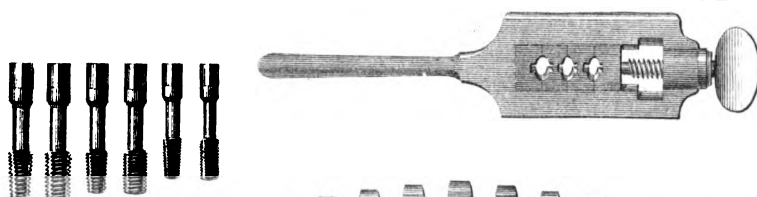
33. Stocks & Dies 2nd Quality.



34. Best Gas Stocks & Dies.

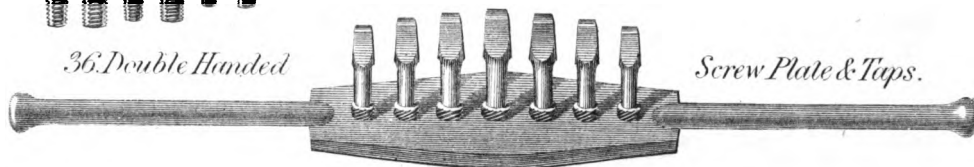


35. Best Stocks & Dies for Iron or Brass Tube.

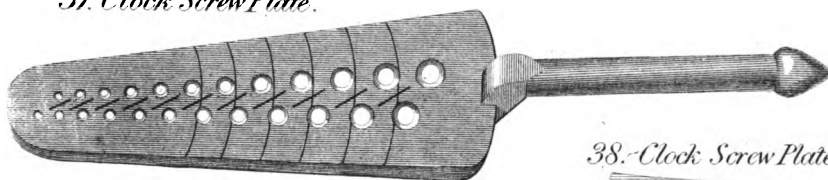


36. Double Handed

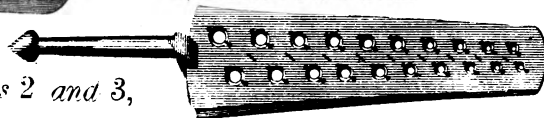
Screw Plate & Taps.



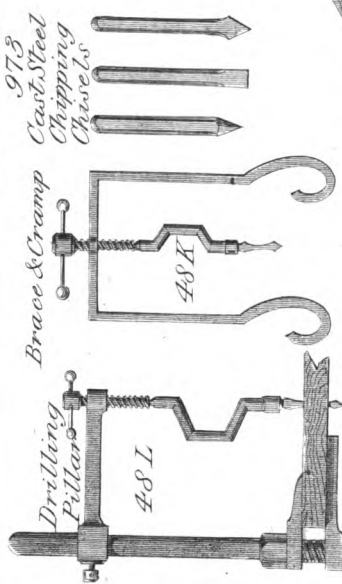
37. Clock Screw Plate.



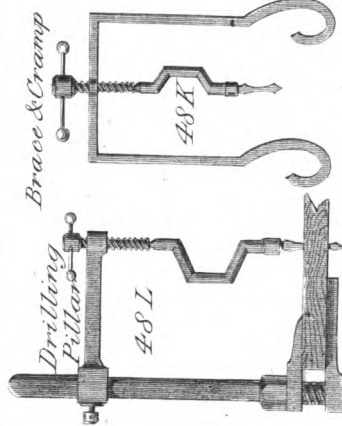
38. Clock Screw Plate Notch v2.



For Prices see Pages 2 and 3,



973
Cast Steel
Chipping
Chisels

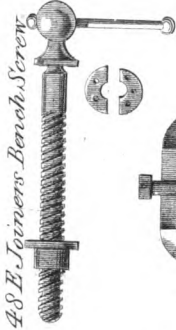


Brace & Cramp

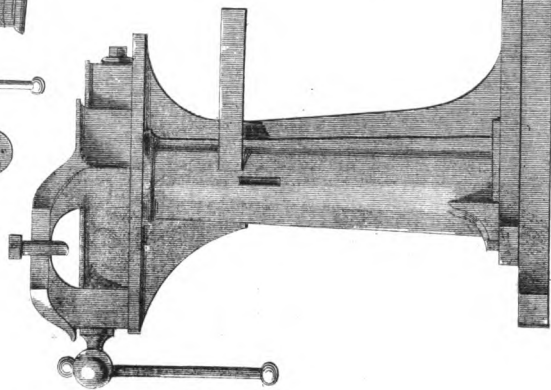
48 K

Drilling
Pillar

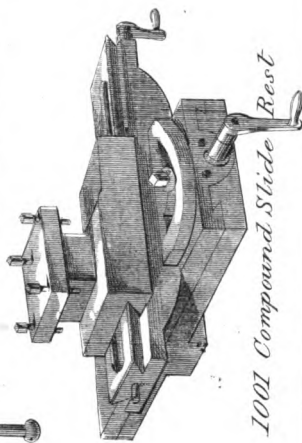
48 L



48 E Joiners Bench Screw



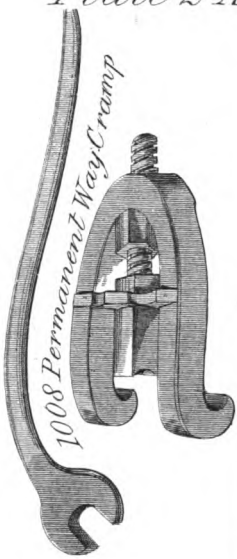
974 Parallel Bench Vice



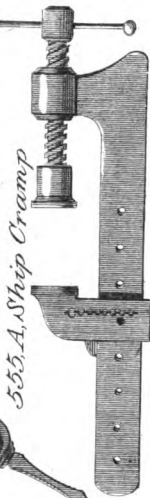
1001 Compound Slide Rest



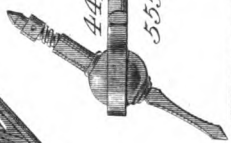
976 Staple Bench Vice



1008 Permanent Way Cramp



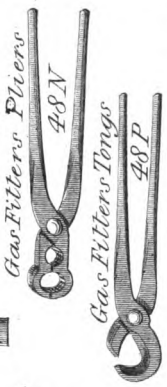
555 A Ship Cramp



44 A Ball Ratchet Brace



48 M Improved Gas Pipe Wrench



Gas Fitters Pliers

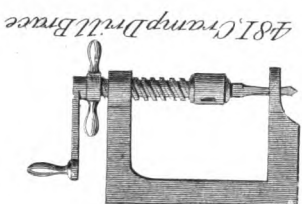
48 N

Gas Fitters Tongs

48 P



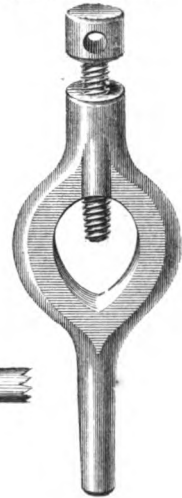
48 H Crank Brace



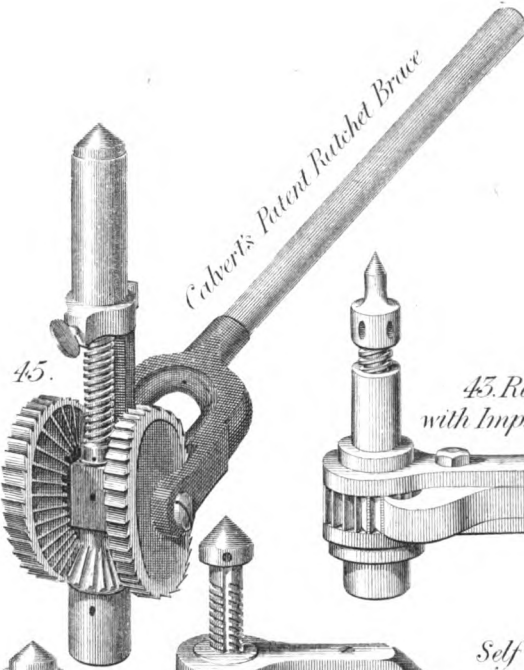
48 I Cramp Drill Brace

For Prices see Pages 2, 3, 31, 49, and 51,

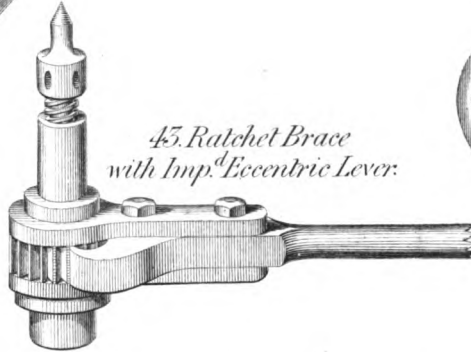
47
Luthe Carrier



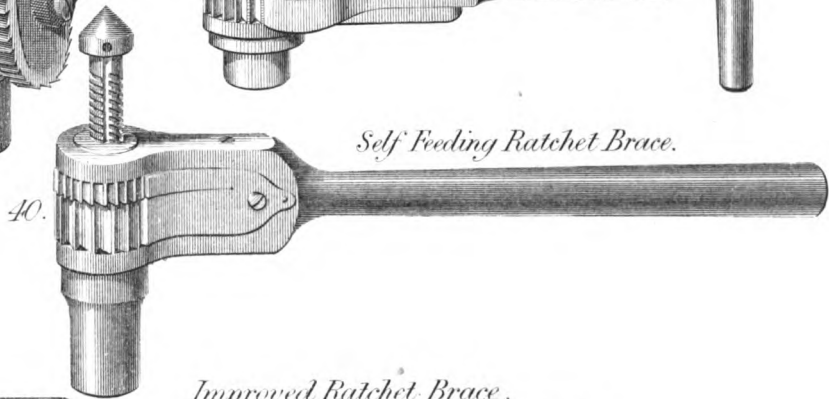
Calvert's Patent Ratchet Brace



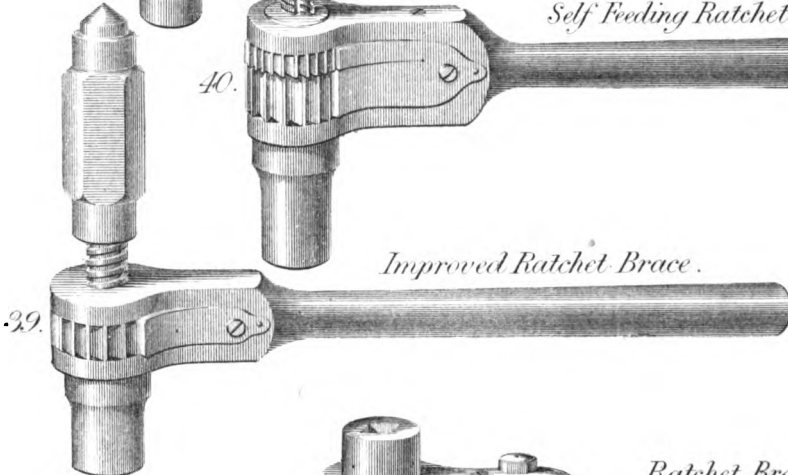
45. Ratchet Brace
with Imp.^d Eccentric Lever:



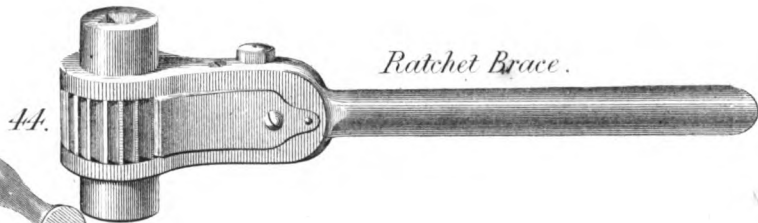
Self Feeding Ratchet Brace.



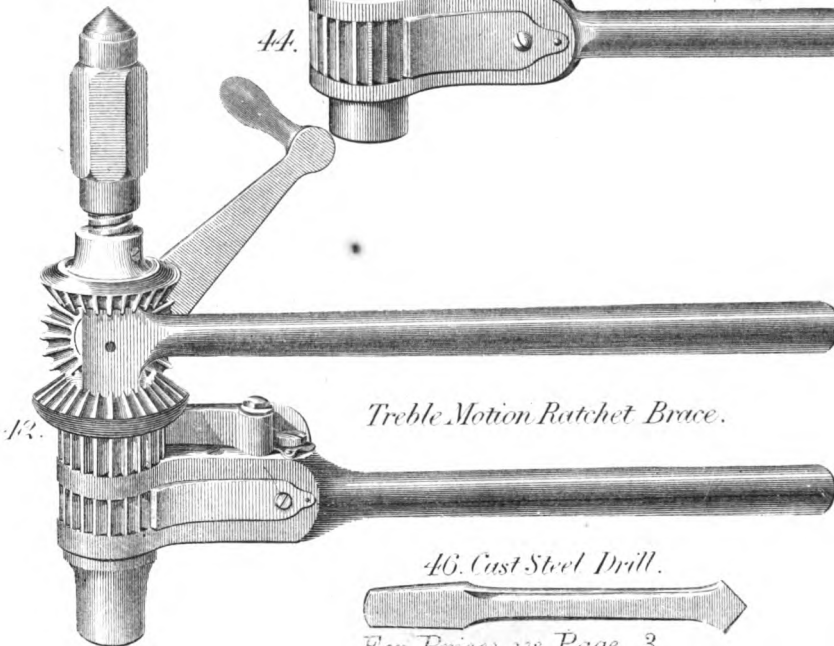
Improved Ratchet Brace.



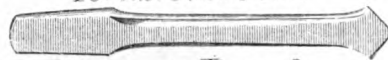
Ratchet Brace.



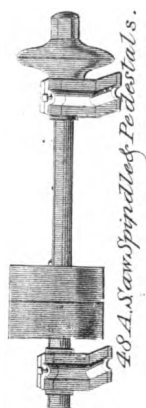
Treble Motion Ratchet Brace.



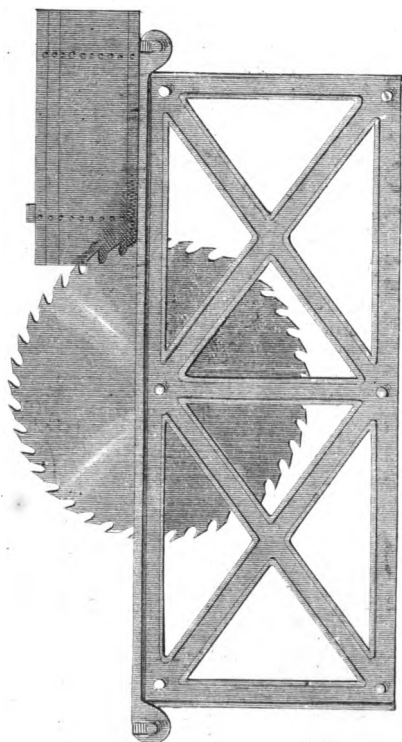
46. Cast Steel Drill.



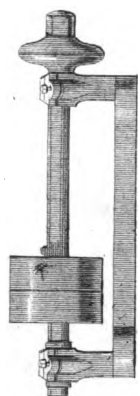
For Prices see Page 3,



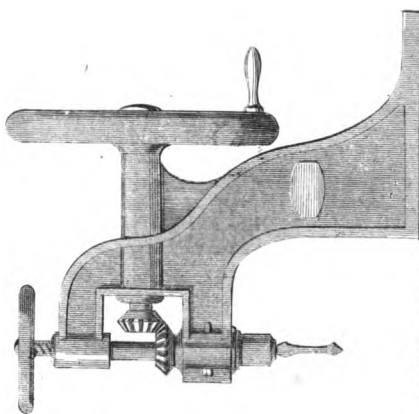
48 A. Saw Spindles & Pedestals.



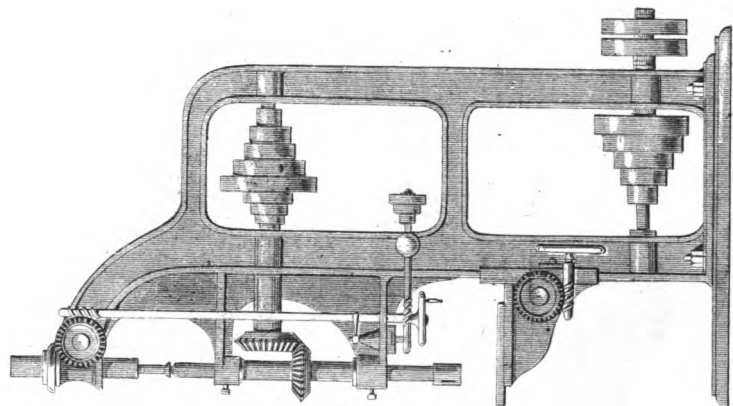
994 Circular Saw Table, Planed Metal Top, Rollers, Spindle &c



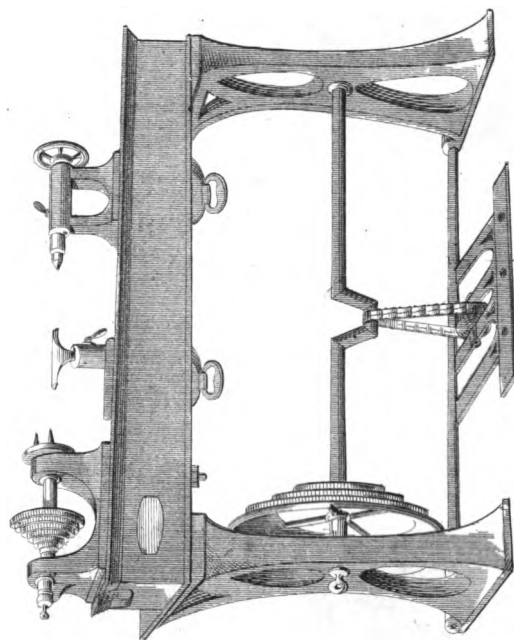
48 B. Saw Spindle & Frame.



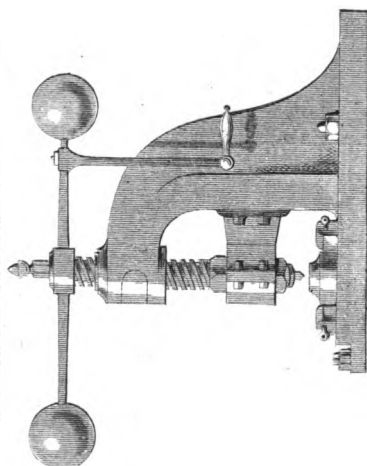
1007. Small Drill.



1006. Self Feeding Drilling Machine.

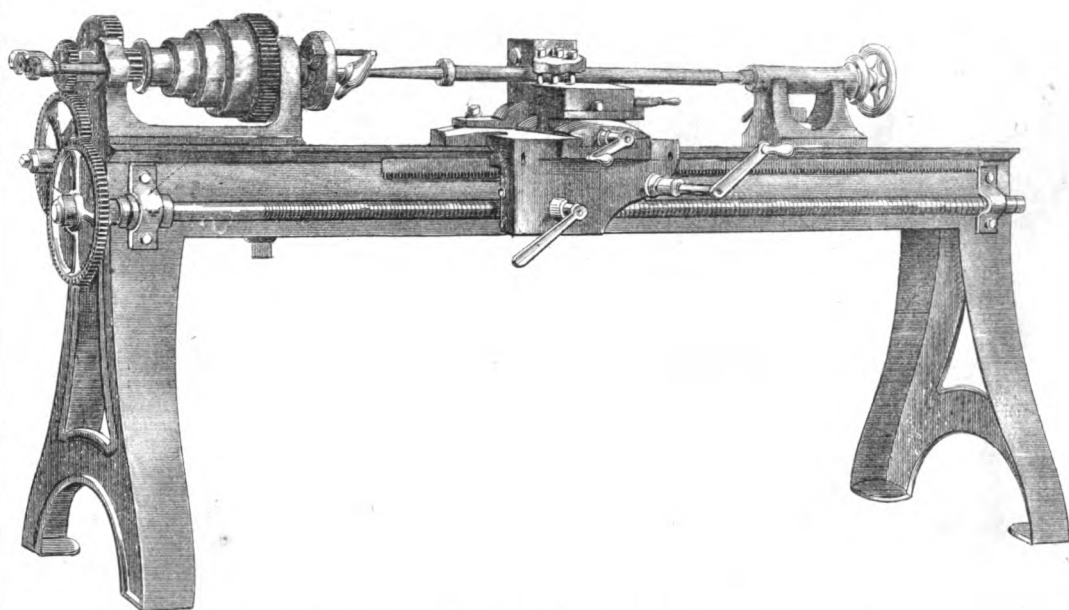


1002. Foot Lathe.

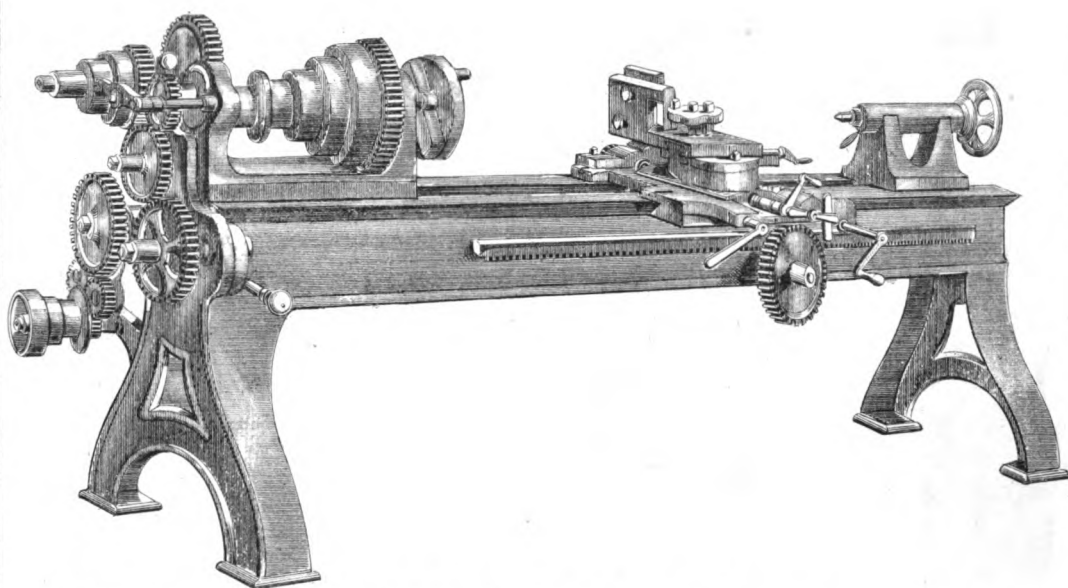


997. Fly Press.

For Prices see Pages 4, 50. and 51,



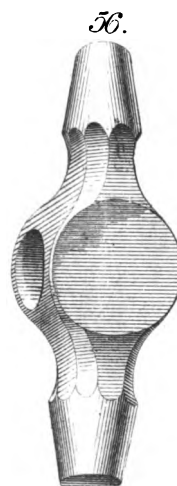
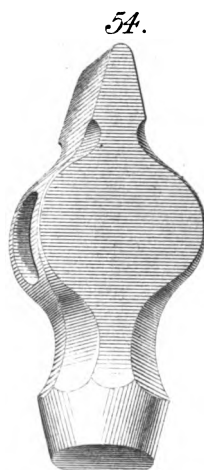
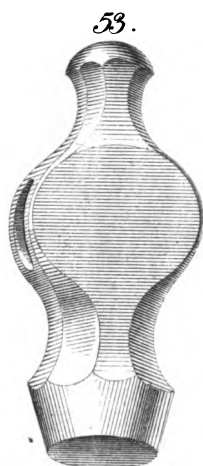
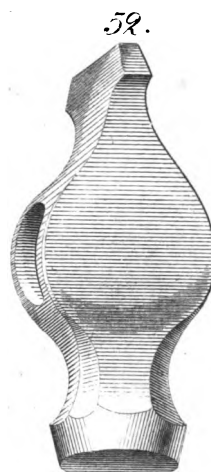
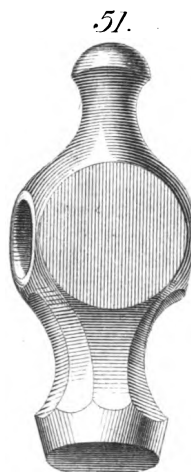
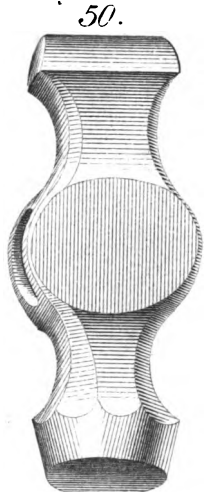
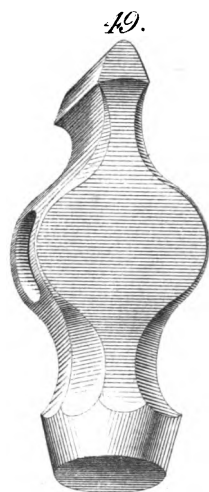
998 Self-acting Slide Lathe, 6 In Centres &c



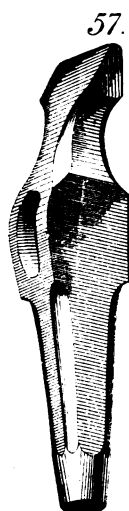
998 Self-acting Slide Lathe, 8 In Centres, Reverse Motion & Self-action For Transverse Surface Motion &c.

For Prices see Page 50.

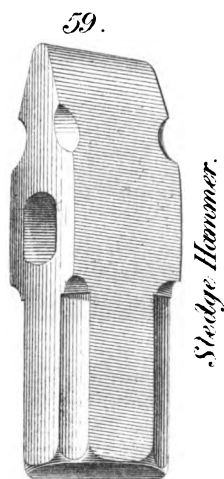
Engineers & Mechanics Hammers.



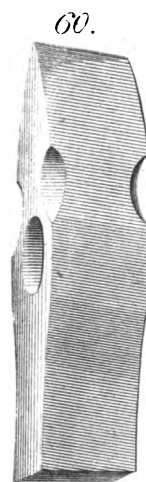
Boiler Makers Hammer.



Boiler Makers Hammers.

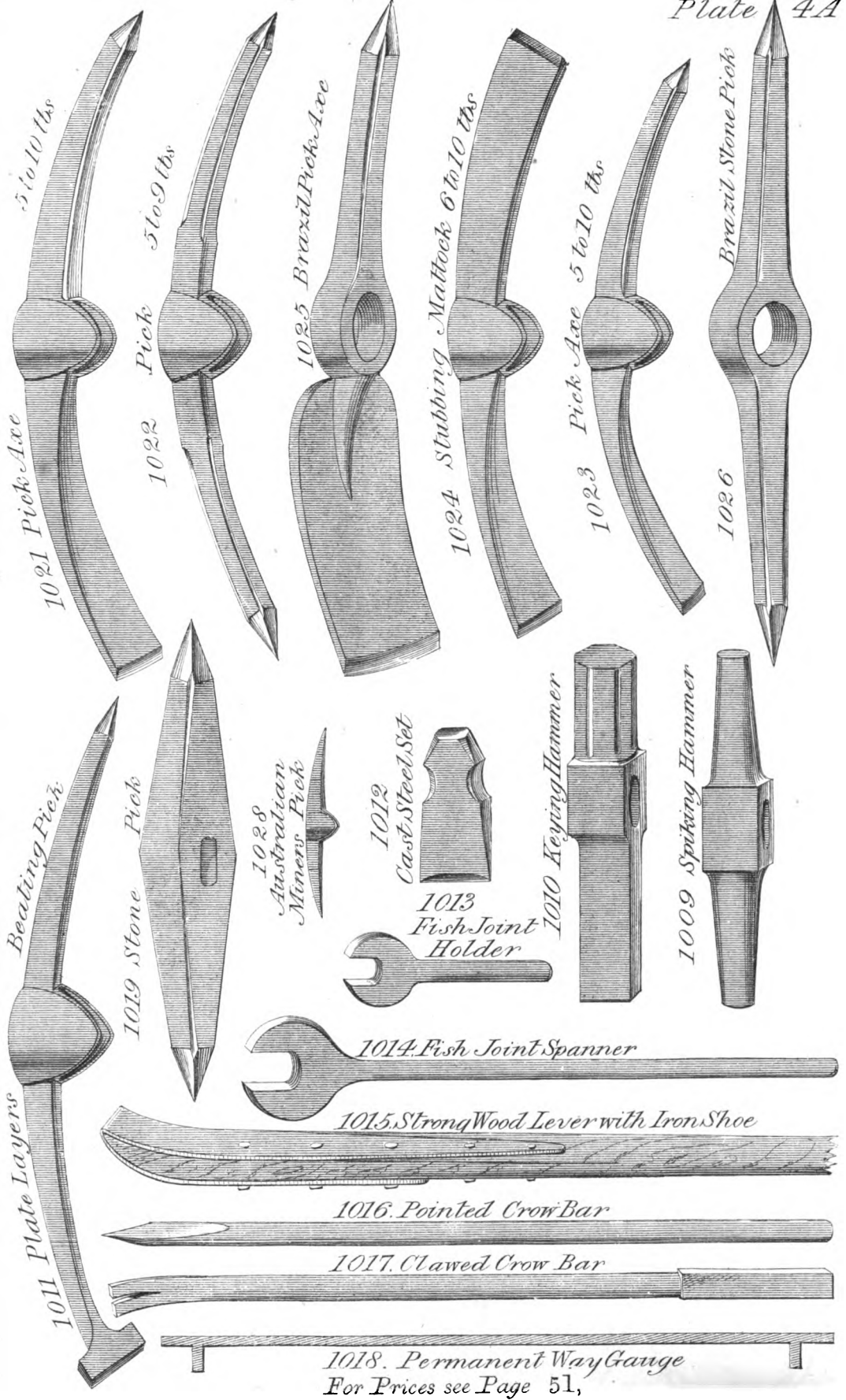


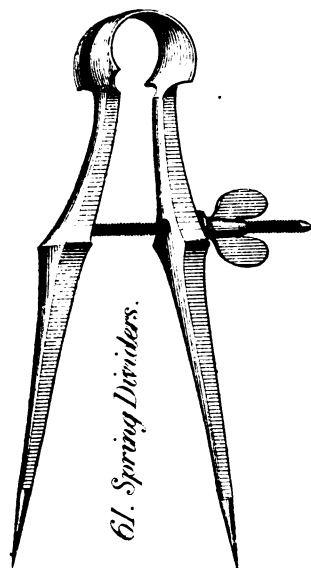
Sledge Hammer.



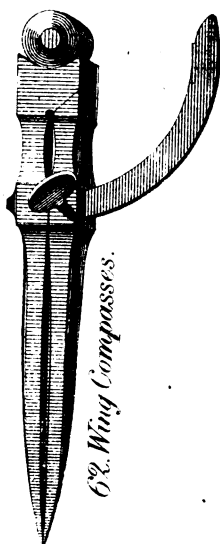
Contractors Stone Hammer.

For Prices see Page 5,





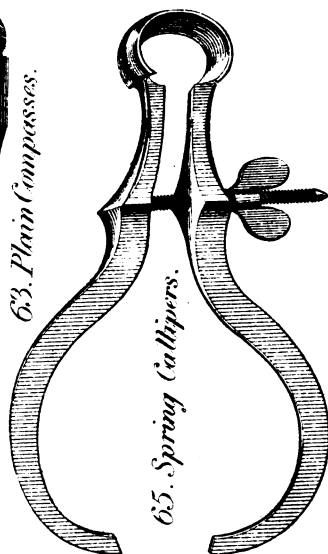
61. Spring Dividers.



62. Wing Compasses.

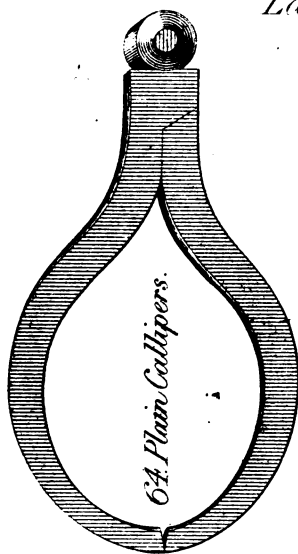


63. Plain Compasses.

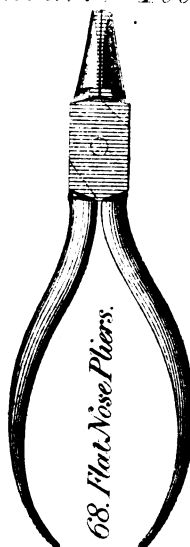


65. Spring Callipers.

Lancashire Tools.



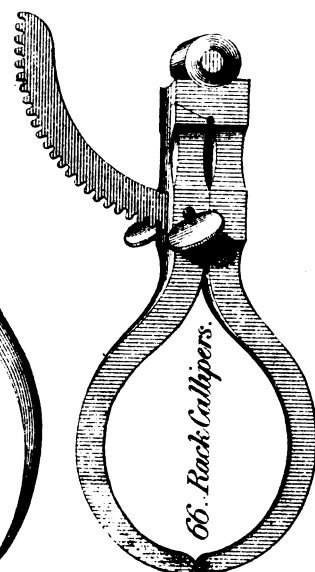
64. Plain Callipers.



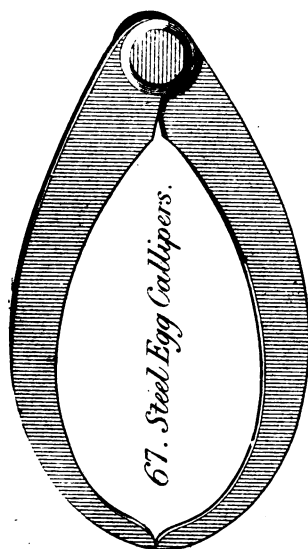
68. Flat-Nose Pliers.



69. Round-Nose Pliers.



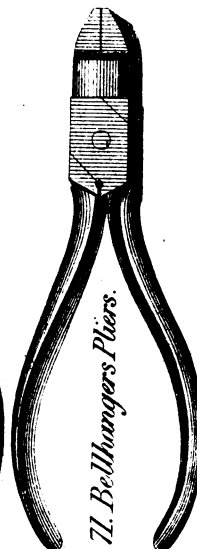
66. Rack Callipers.



67. Steel Egg Callipers.



72. Railway Ticket Pliers.



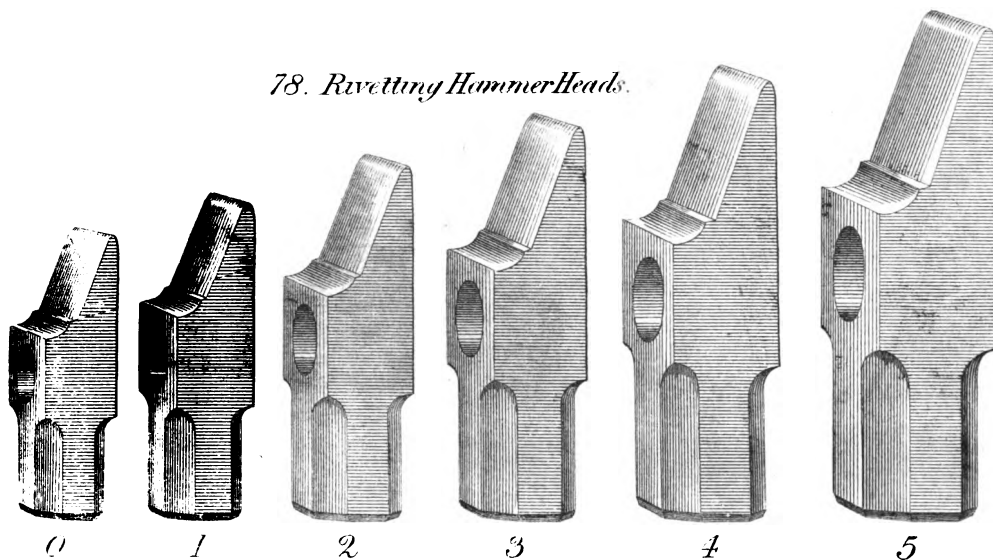
71. Bellhangers Pliers.



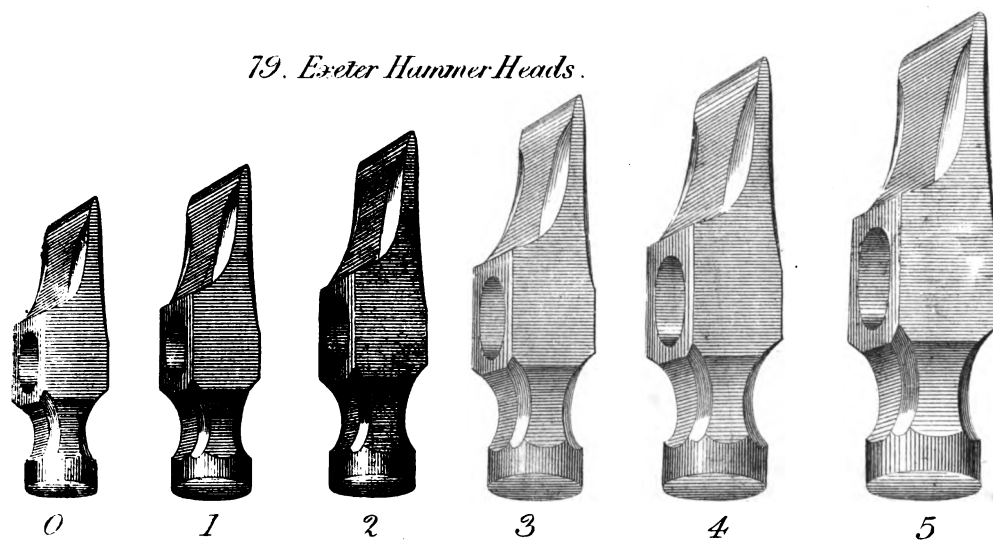
70. Clock Cutting Nipper.

For Prices see Page 5;

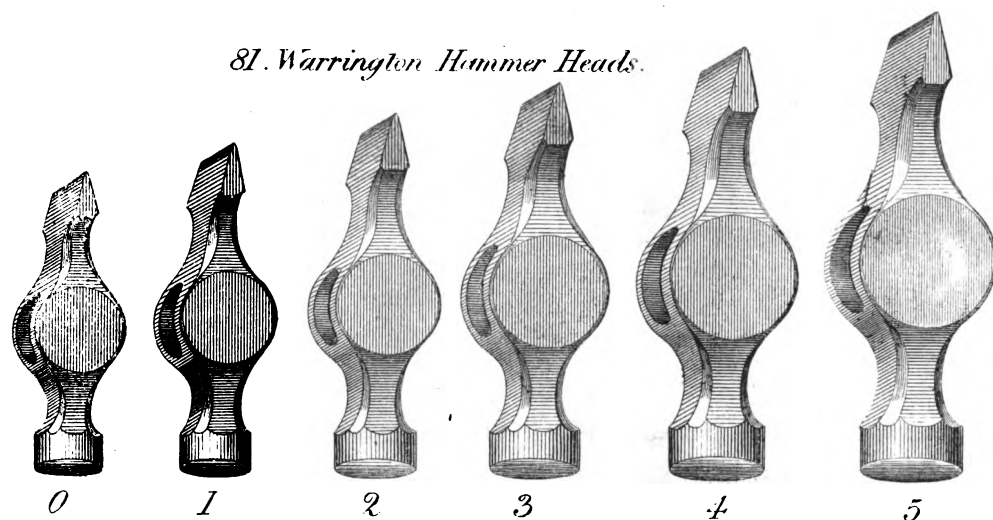
78. Rivetting Hammer Heads.



79. Exeter Hammer Heads.



81. Warrington Hammer Heads.

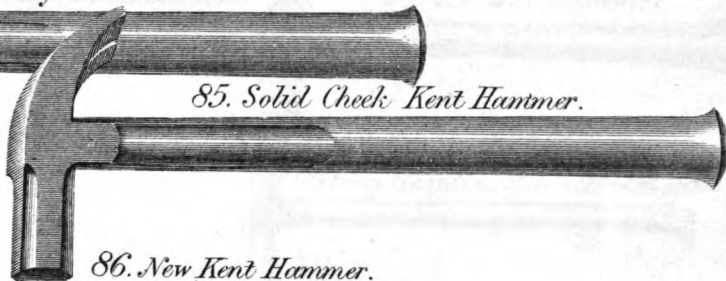


For Prices see Page 6,

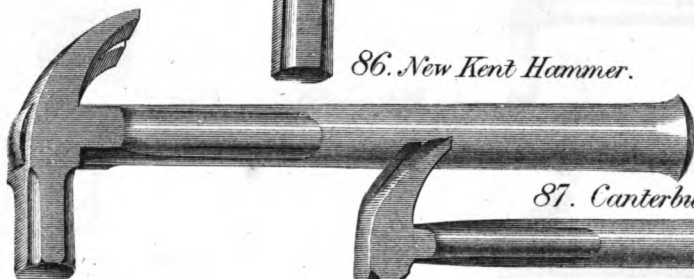
84. Bright Kent Hammer.



85. Solid Cheek Kent Hammer.



86. New Kent Hammer.



87. Canterbury Hammer.



88. Scotch Garden Hammer.



Chequer'd Face.

89. Bright Garden Hammer.



Chequer'd Face.

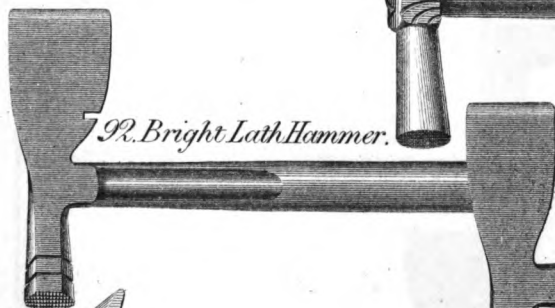
90. Glazier's Hammer.



91. London Glazier's Hammer.



92. Bright Lath Hammer.



93. Brick Hammer.



94. Shoe Hammer.



95. Cramping Hammer.

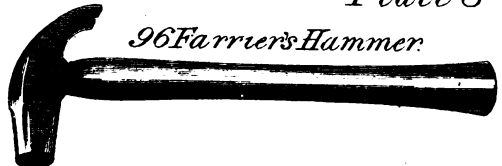


For Prices see Page

Plate 8



97 London Farrier's Hammer.



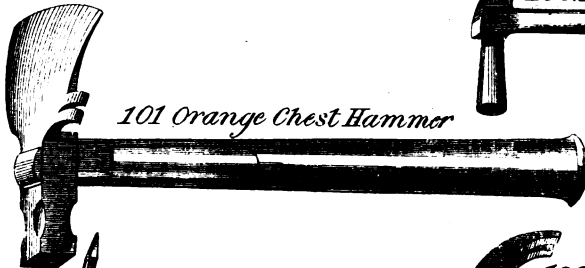
96 Farrier's Hammer.



98 Iron Handled Grocer's Hammer.



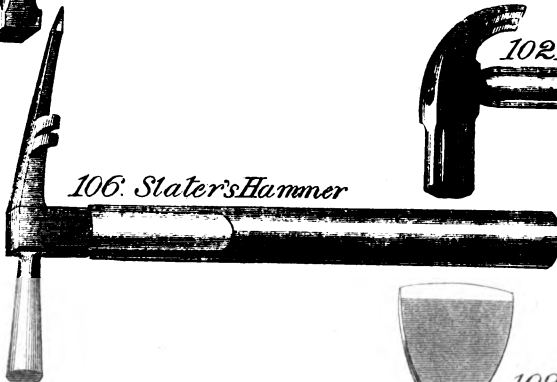
99 Iron Handled Claw Hammer.



101 Orange Chest Hammer



100 Iron Handled Packer's Hammer.



106 Slater's Hammer



102 American Claw Hammer.



107 Plumber's Claw Hammer.



109 Horticulturist's Hammer



108 Plumber's Hammer.



110 Loudon's Hatchet or Imp^d Horticulturist's Hammer

For Prices see Page 6,



108 A. Ladies Claw Hammer.



109 A. Ladies Revolving Hammer



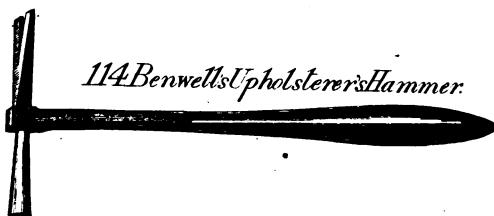
110 A. Gentleman's Hammer.



111 Saddle's Hammer.



112 Upholsterers Hammer.



114 Benwells Upholsterers Hammer.



113 London Upholsterers Hammer.



115. Coach Trimmers Hammer



116 Carpet Hammer.



117 Carpet Hammer With Claw in Handle.



118 Gentleman's Hammer



119 Toy Hammer.

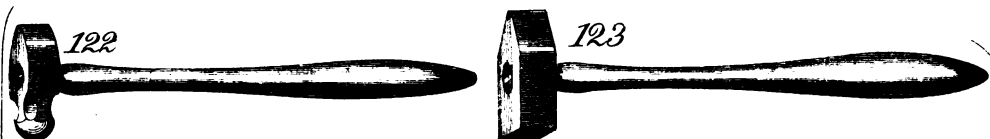


120 Exeter Hammer Oval Handles.

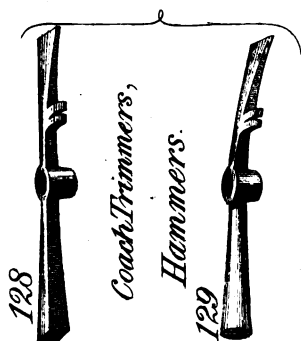
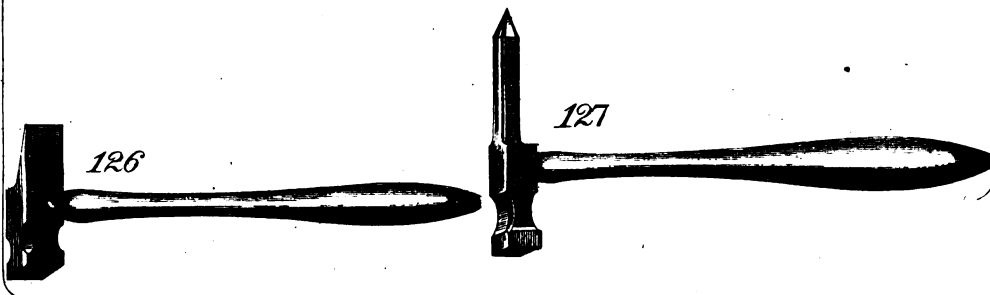
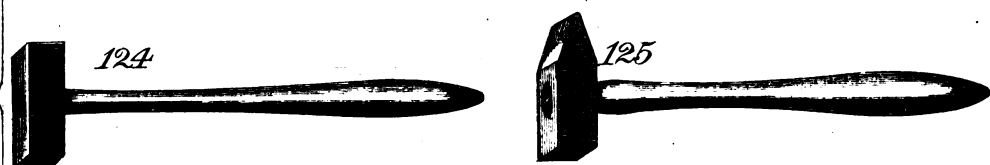


121 Best Clench Hammer Oval Handles.

For Prices see Pages 6; and 7,

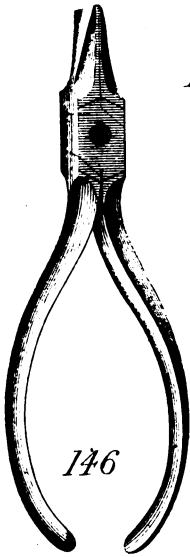


MINERALOGIST'S HAMMERS.



For Price; see Page 7,

*Bright
Flat Nose Pliers.*



146

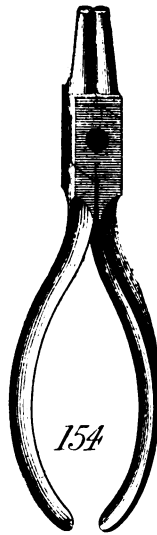


144



142

*Bright
Round Nose Pliers.*



154

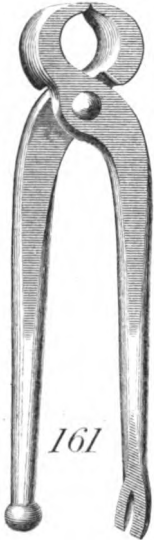


152



150

Carpenter's Pincers.



161

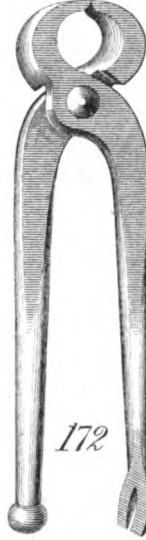


159

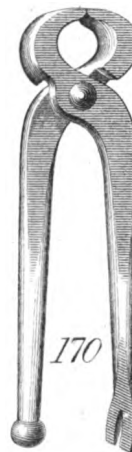


157

*Best Tower Pincers
Warranted.*



172



170

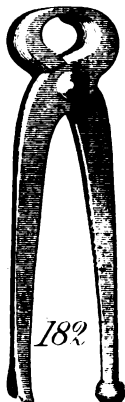


168

*Best Lancashire Pincers.
Warranted.*



184

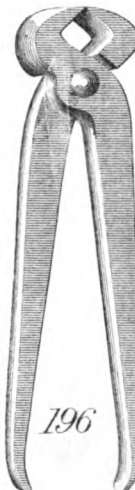


182

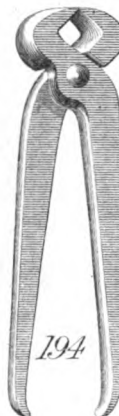


180

*Best Tower Cutting Nippers
Warranted.*



196



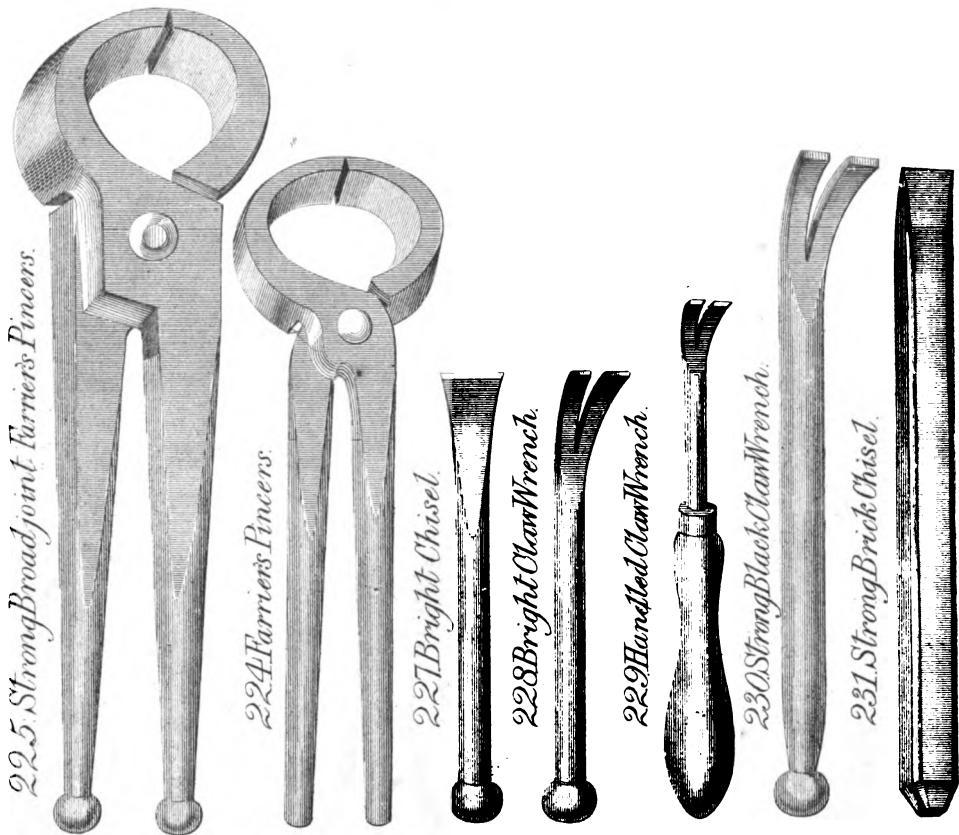
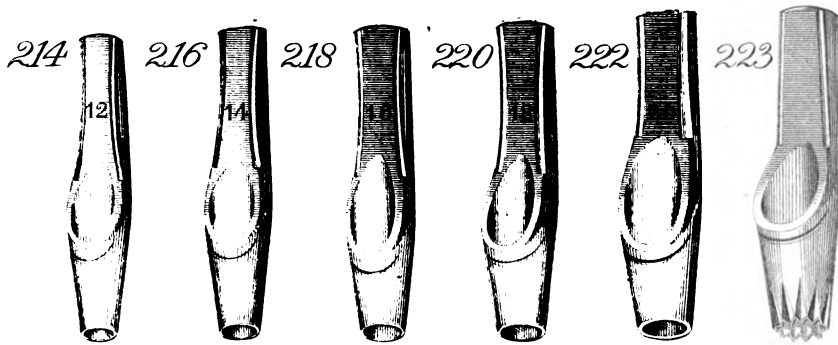
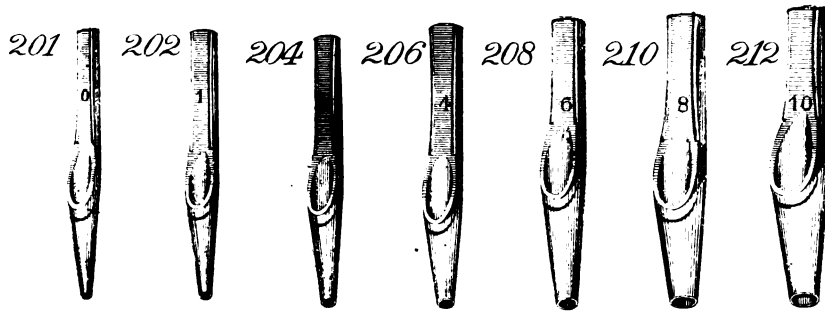
194



192

For Prices see Page 7,

SHOE, SADDLERS, & HARNESS, PUNCHES.

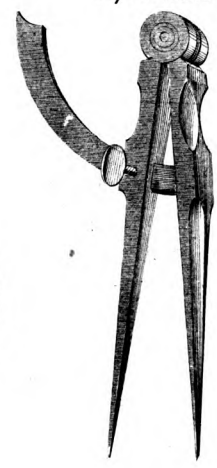
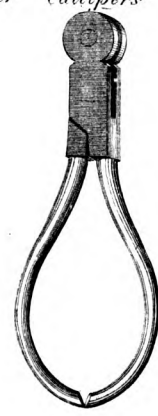


For Prices see Page. 8,

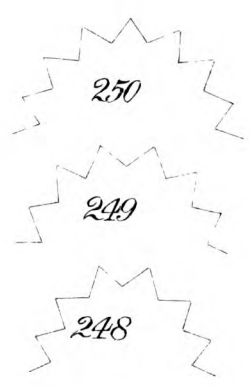
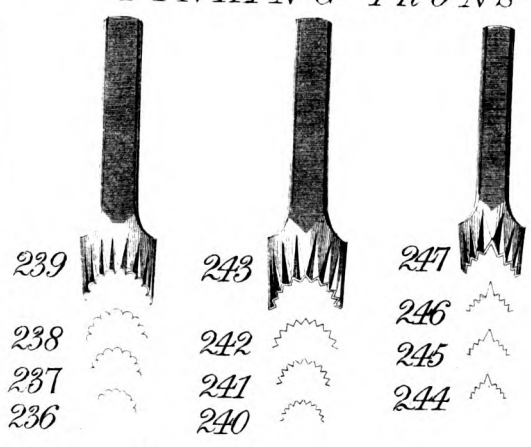
232 Rule Joint Steel Points. Best Rule Joint Steel Points. New Pattern Tower

236 Callipers

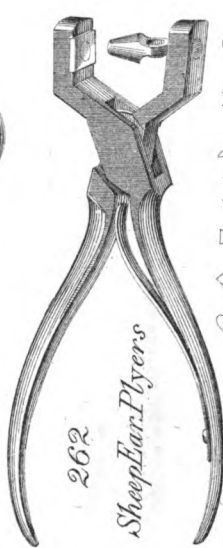
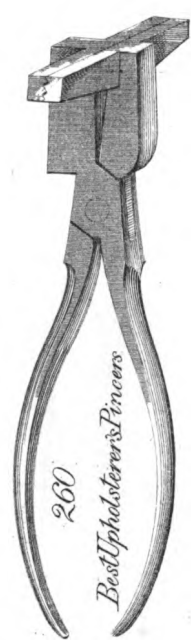
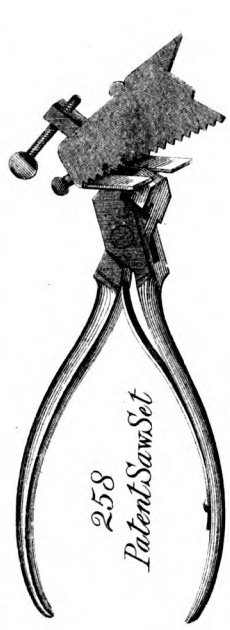
235 Coopers Steel Points



PINKING IRONS



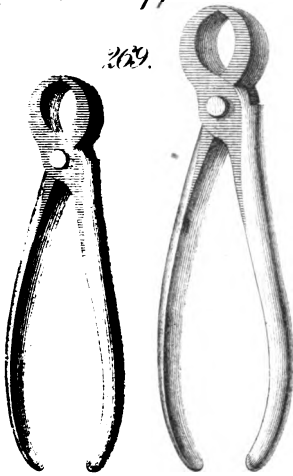
- 252
- 253
- 254
- ◇ 255
- 256
- ◇ 257



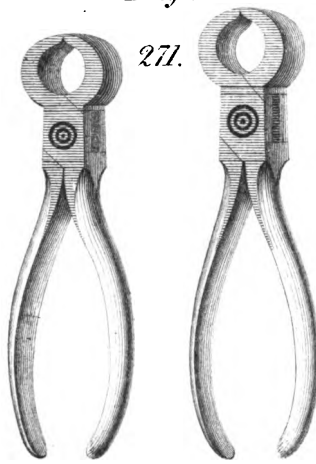
- 262
- 263
- △ 264
- ▽ 265
- ▽ 266
- ◇ 267
- ♥ 268

For Prices see Page 8,

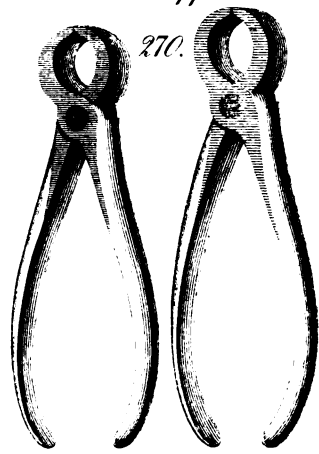
*Bright
Shoe Nippers.*



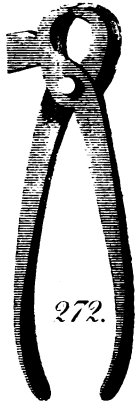
*Box Joint Shoe Nippers.
Bright.*



*Best Black
Shoe Nippers.*



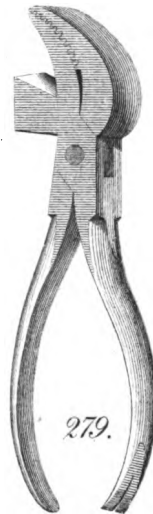
*Shoe Nipper
with Hammer.*



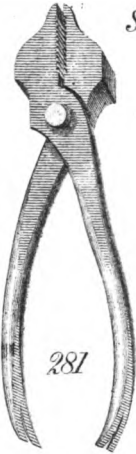
*Box Joint
Shoe Nipper
with Hammer.*



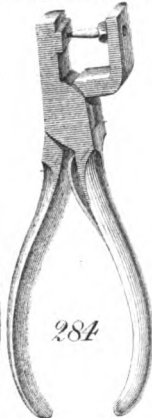
Shoe Pincers.



*French
Shoe Pincers.*



*Best Bright
Shoe Punch Pliers.*



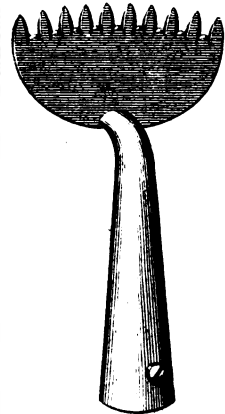
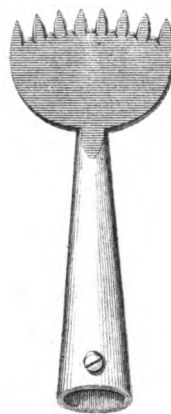
Solid Punch.



*Tinmen's
Pliers.*

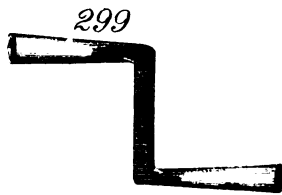
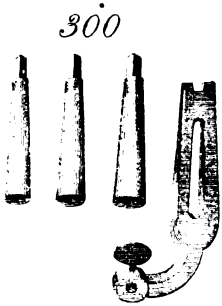
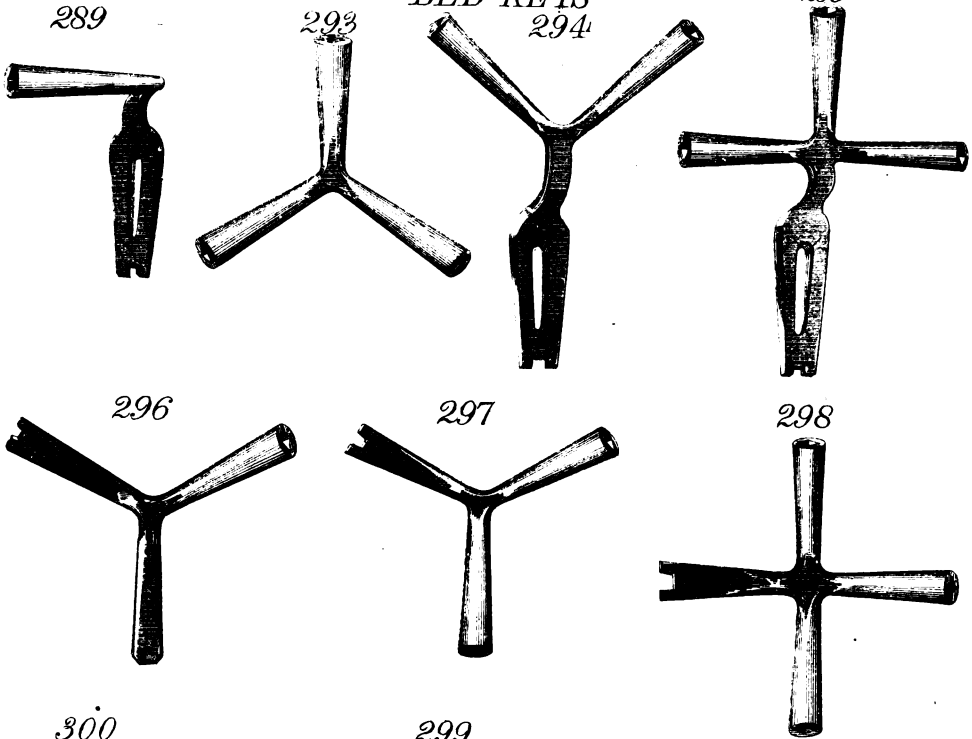


Carpet Strainers.

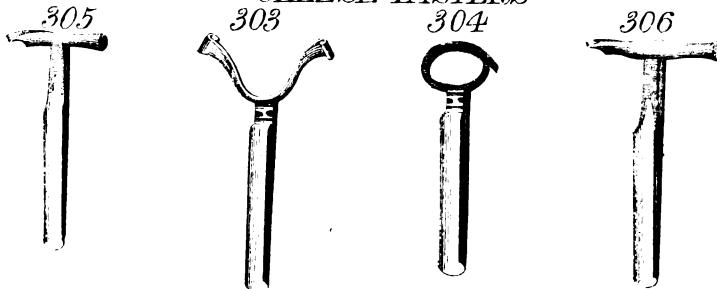


For Prices see Page 9,

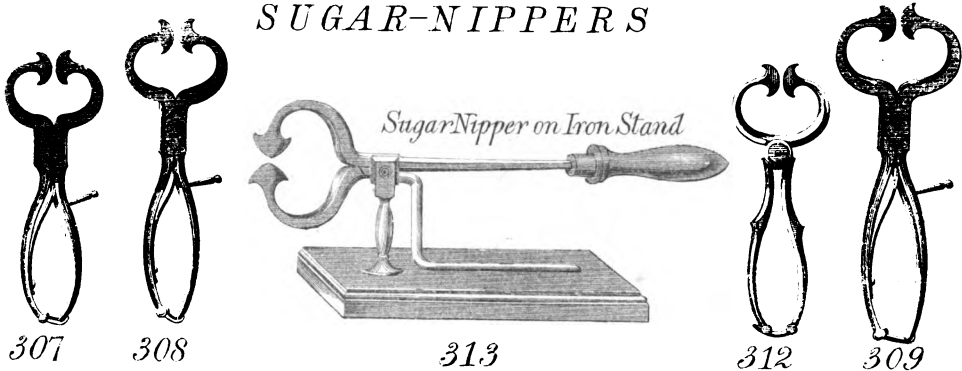
BED KEYS



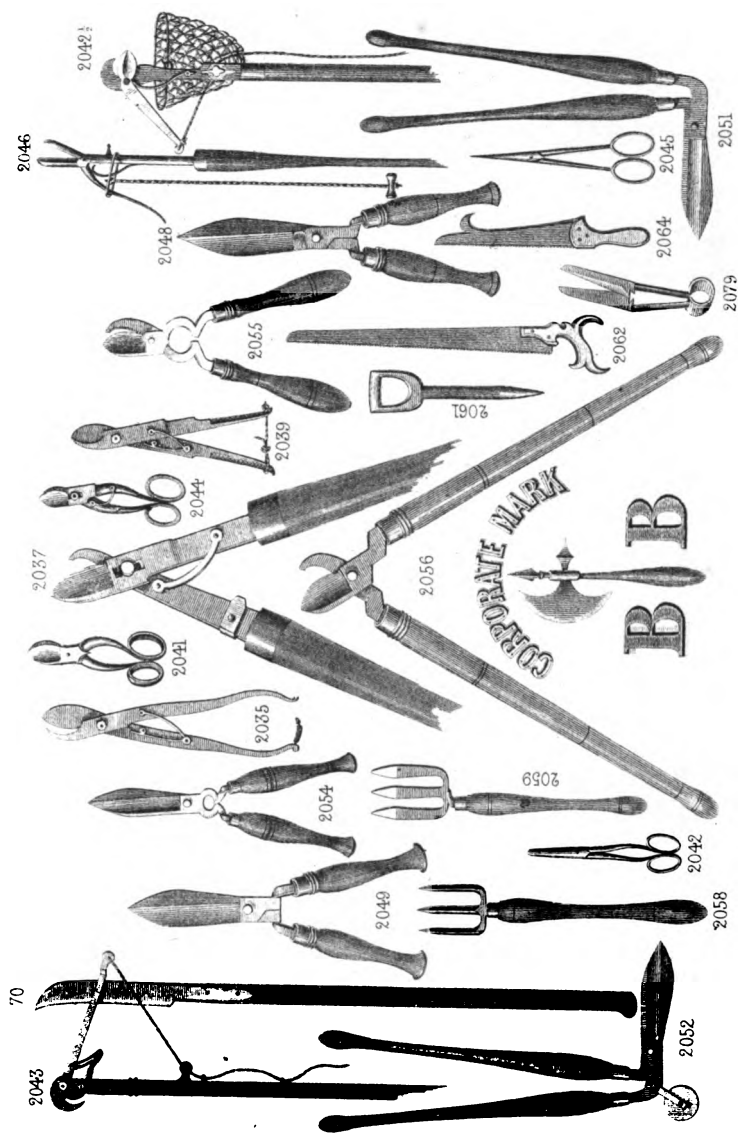
CHEESE TASTERS



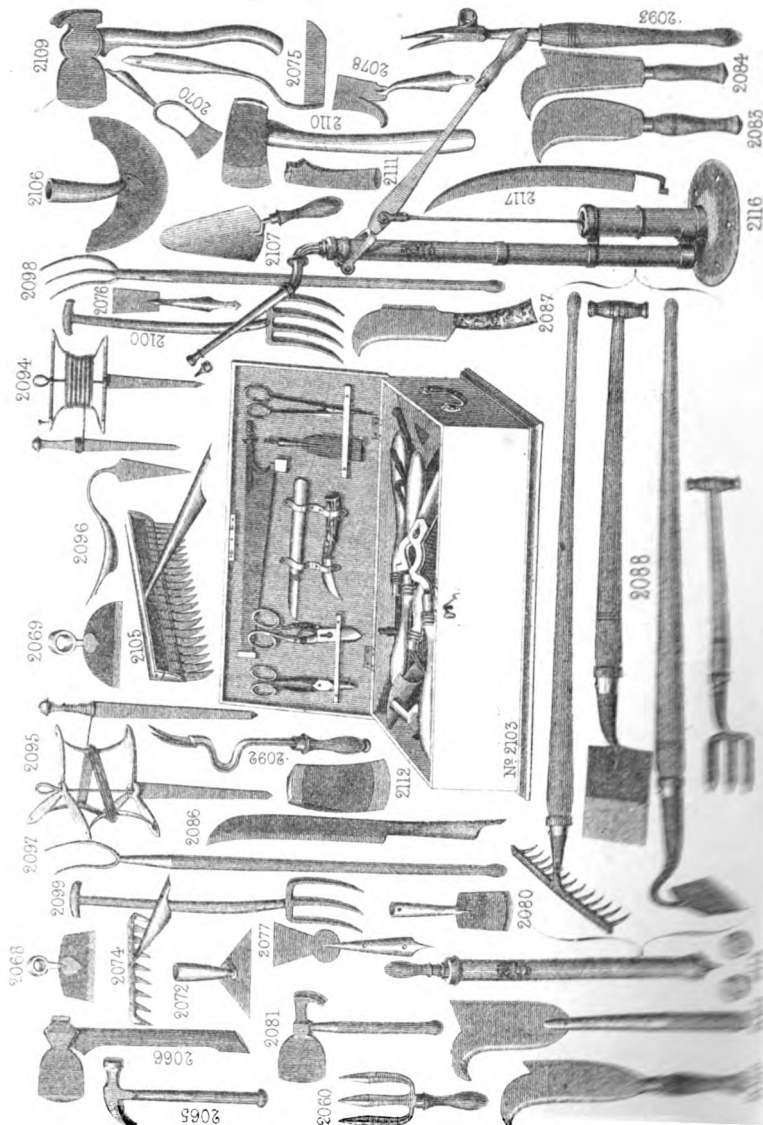
SUGAR-NIPPERS



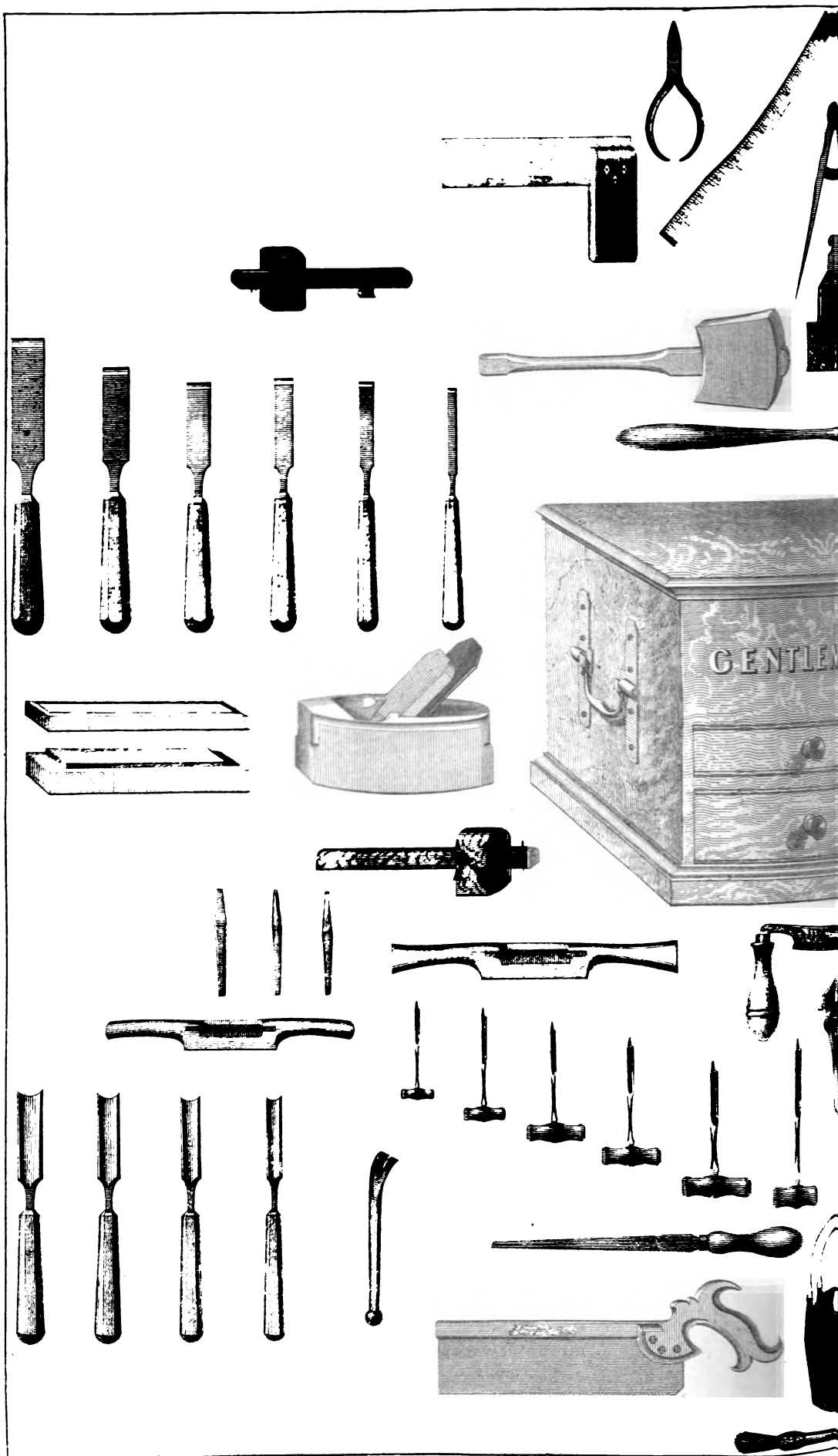
For Prices see Page 9,

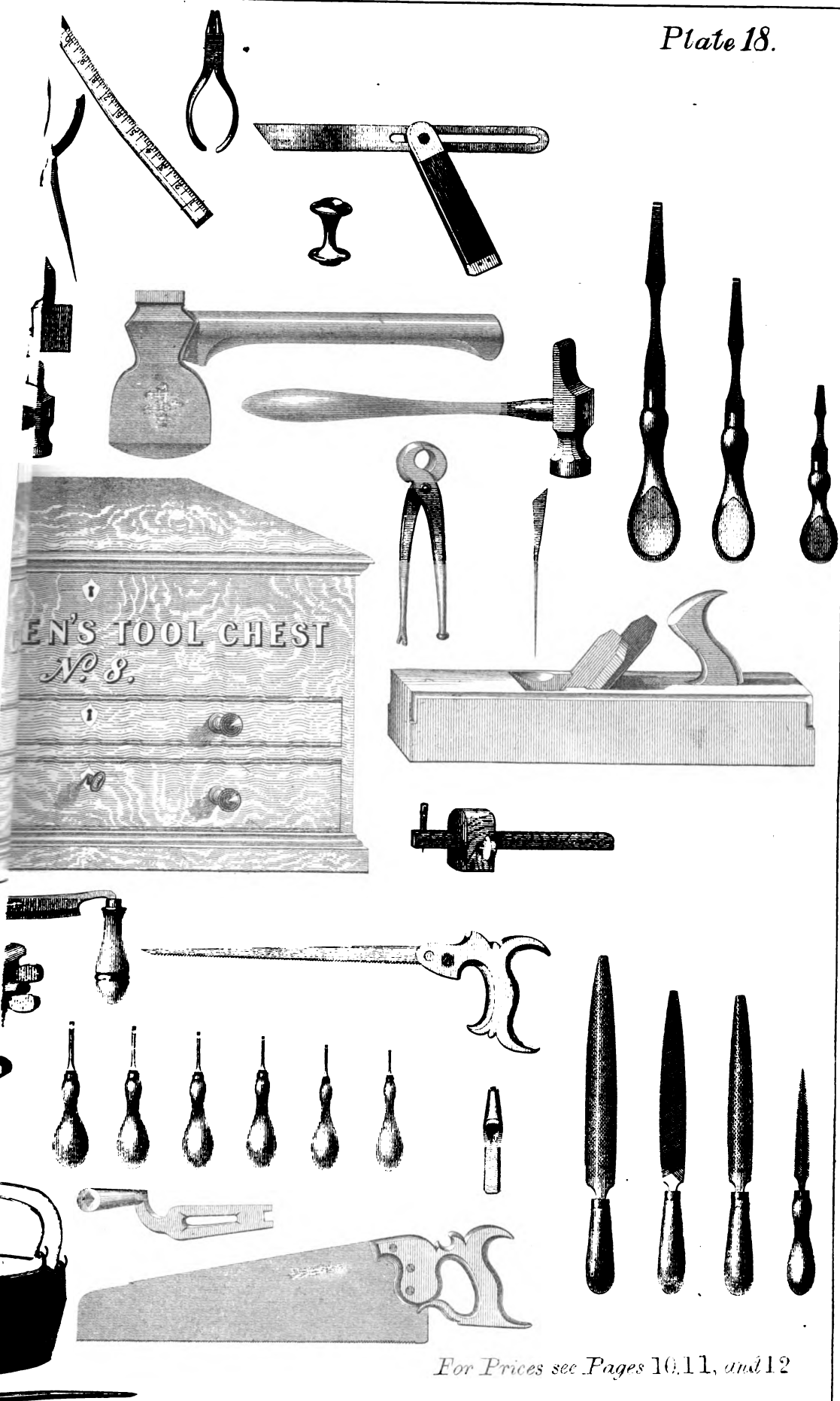


For Prices see Pages 15, and 16,



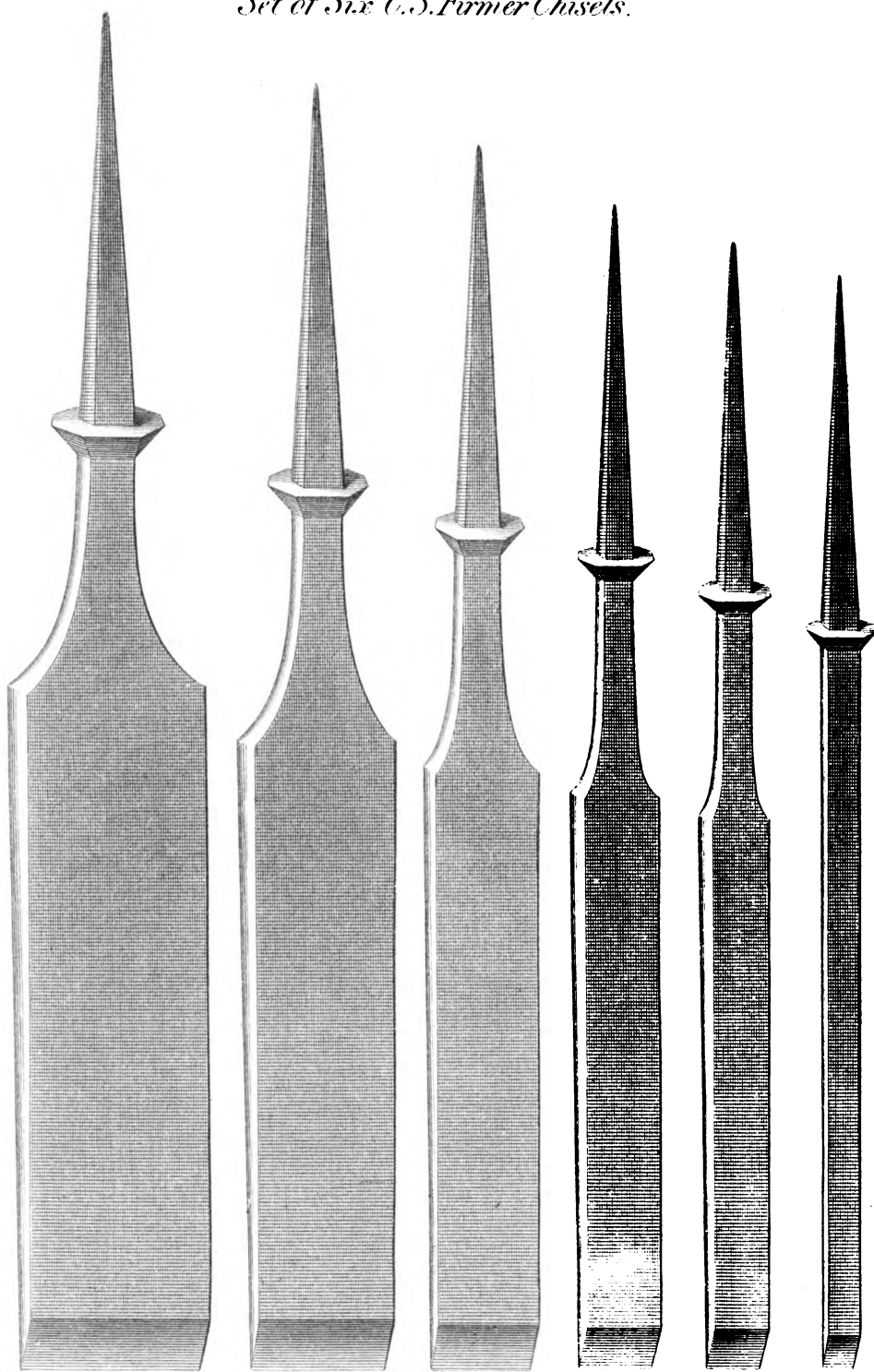
For Prices see Pages 15, 16, and 17





For Prices see Pages 10, 11, and 12

Set of Six C.S. Firmer Chisels.

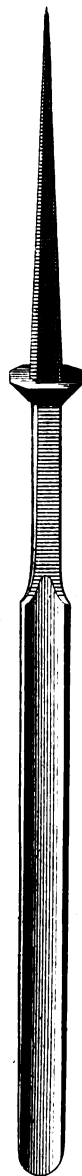
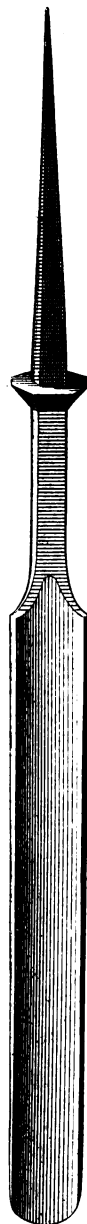
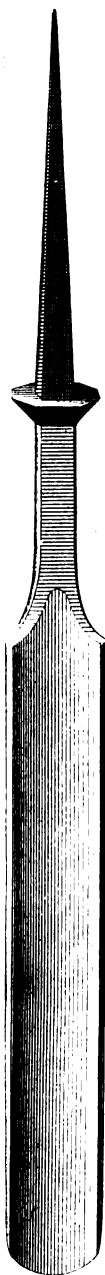
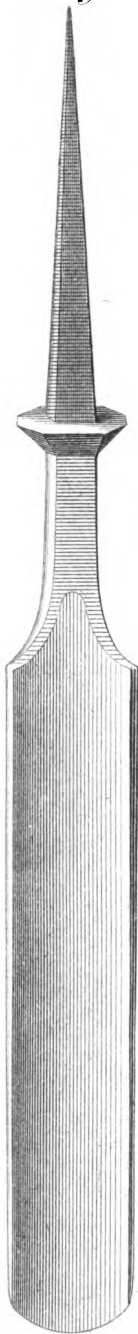
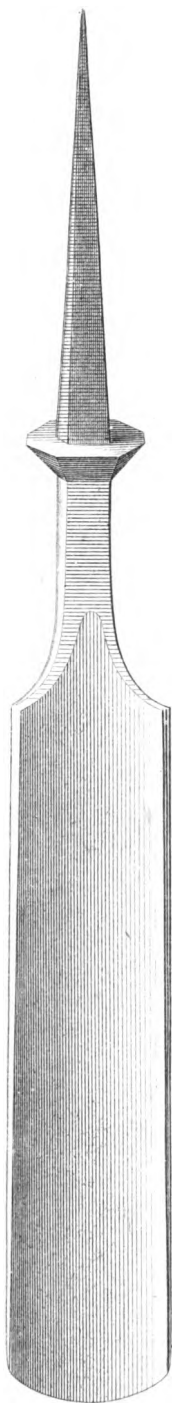


314. Cast Steel Firmer Chisels.

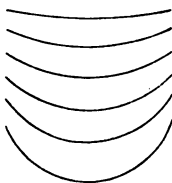
For Prices see Page 19,

Set of 6 C.S. Firmer Gouges.

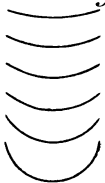
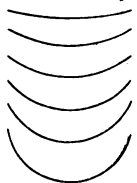
W. Cast Steel Firmer Gouges.



A
B
C
D
E
F



Sweeps or Curves of Gouges.



For Prices see Page 19,

320 C.S. Coach Makers Chisel.



323 C.S. Long Thin Paring Chisel



326 C.S. Millwrights Chisel



331 C.S. Turning Chisel



333 C.S. Turning Gouge



377 Soft Moulding Iron



378 Square Rabbit Iron



372 Bright or Blued C.S. Socket Chisel.



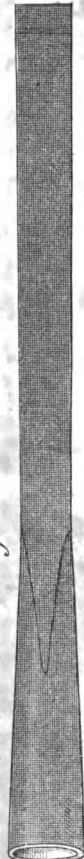
373 Bright or Blued C.S. Socket Gouge.



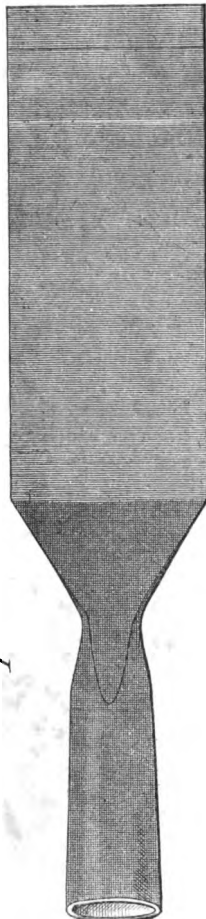
358 C.S. Socket Mortice Chisel.



367 C.S. Stalking Chisel

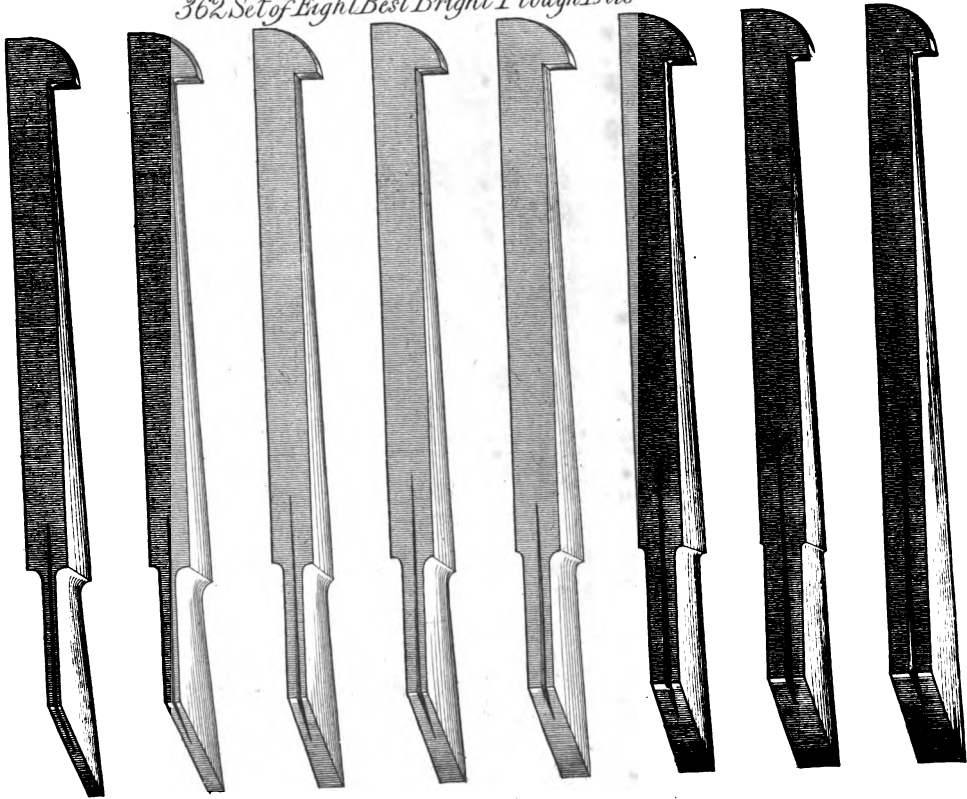


375 Best Ship Slice

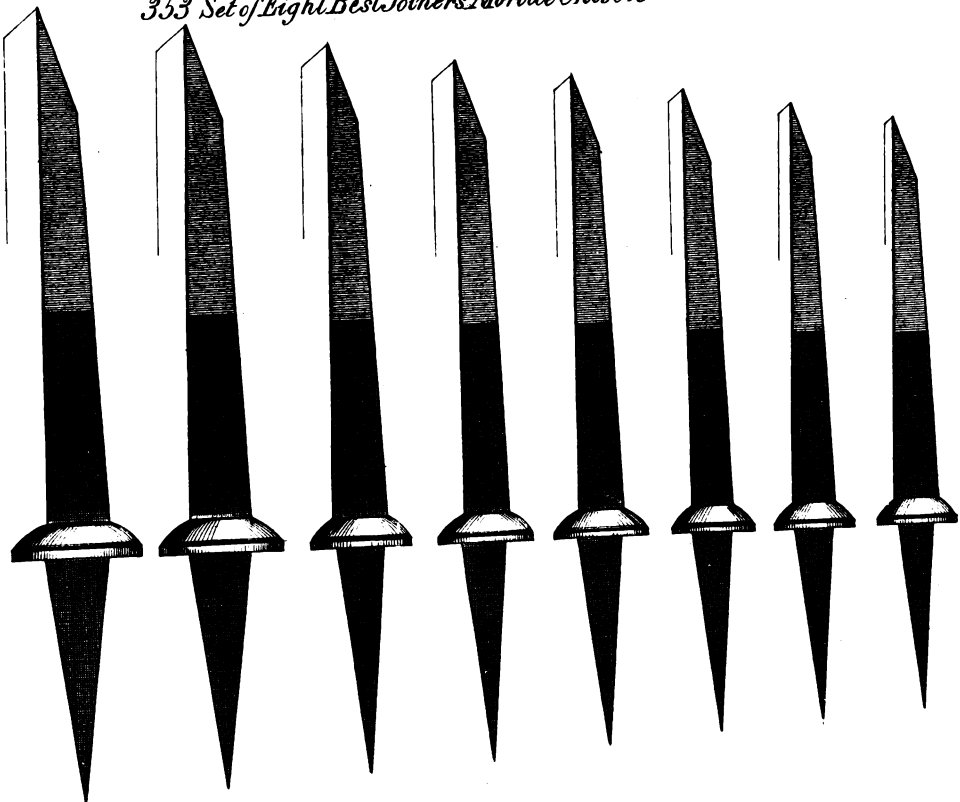


For Prices see Pages 20 22, 23, and 24,

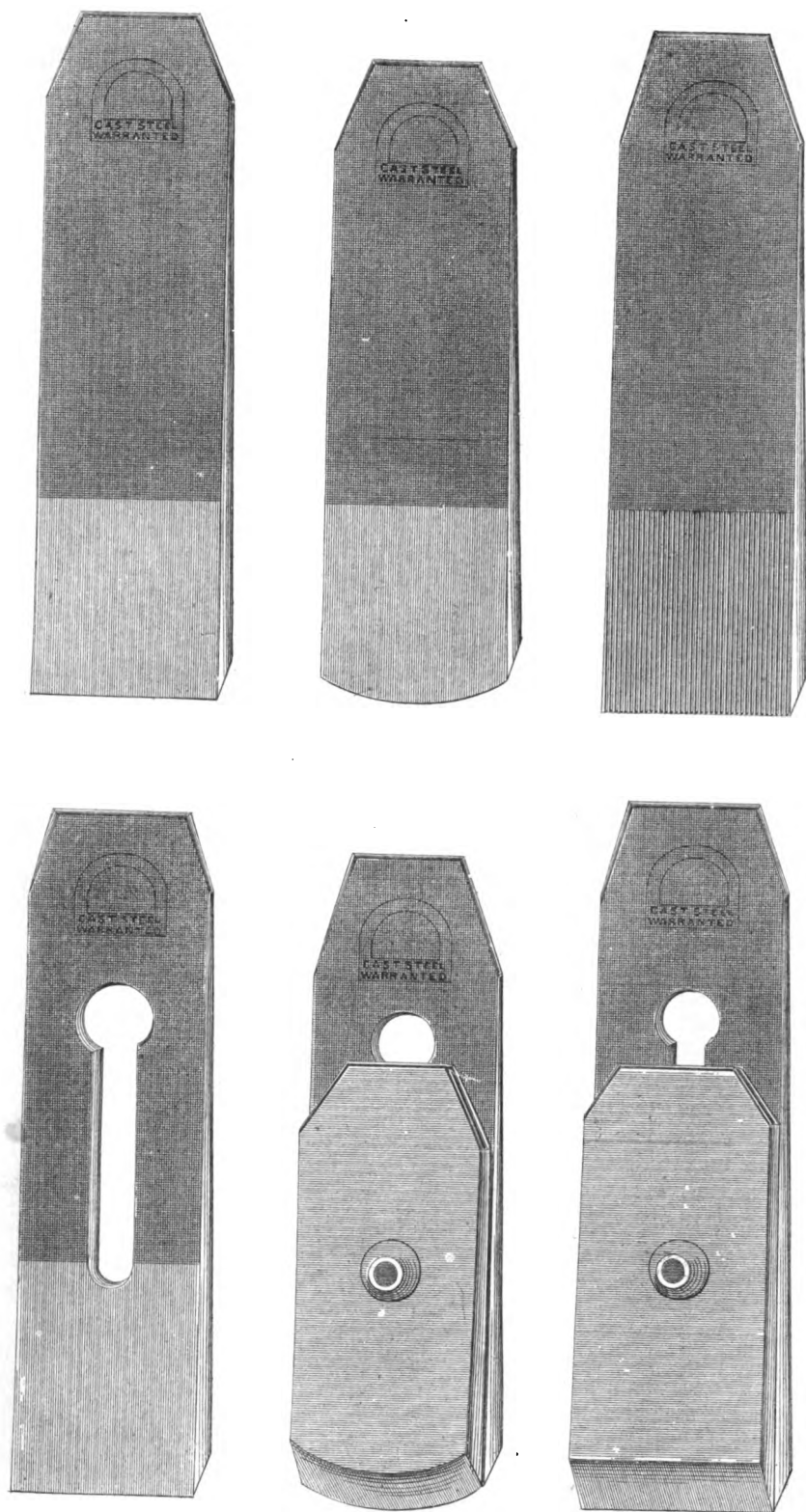
362 Set of Eight Best Bright Plough Bits



353 Set of Eight Best Joiner's Mortice Chisels



For Prices see Pages 22, and 23,

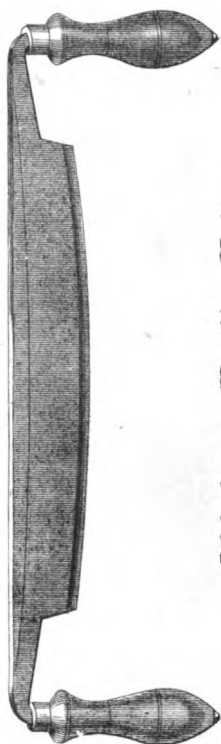


For Prices see Pages 24, and 25;

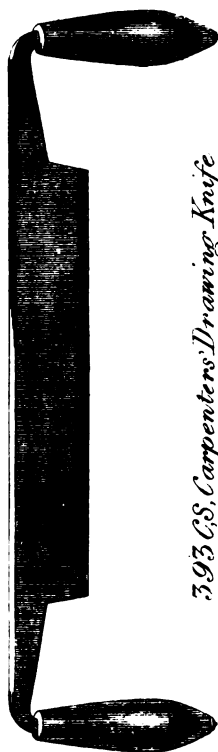
398 Coopers' Drawing Knife



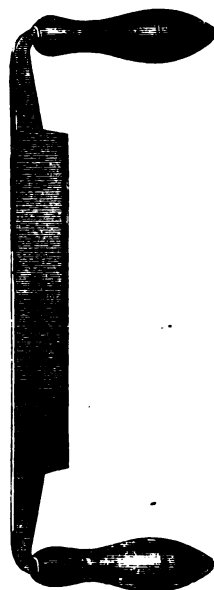
394 Cast Steel Carpenters' Drawing Knife



399 Coopers' Heading Knife



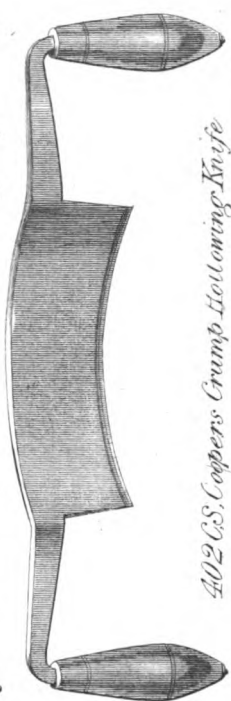
393 C.S. Carpenters' Drawing Knife



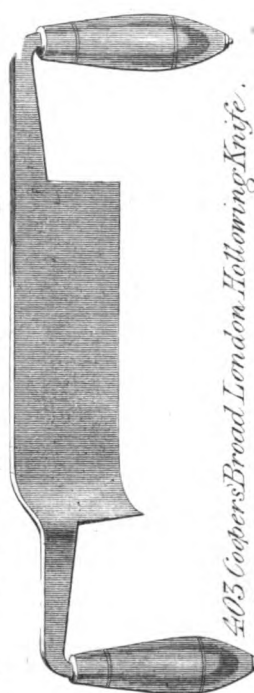
400 C.S. Strong Liverpool Drawing Knife



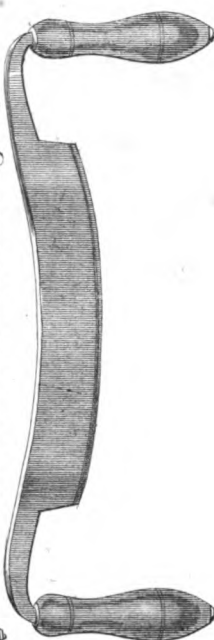
401 C.S. Coopers' Liverpool Hollowing Knife



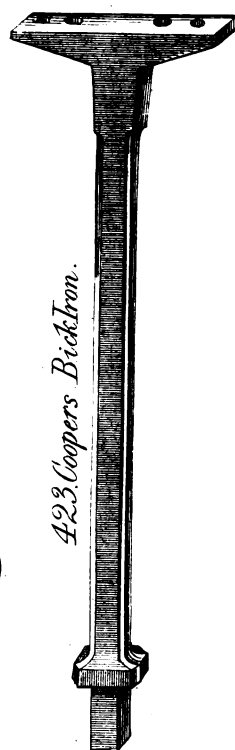
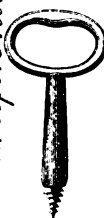
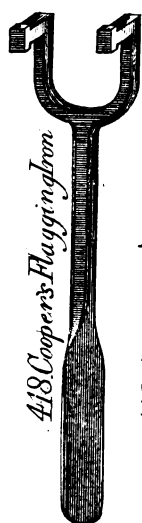
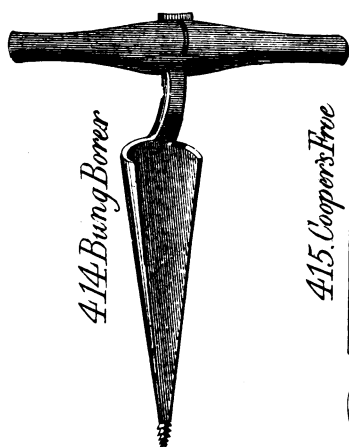
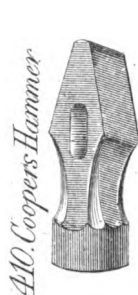
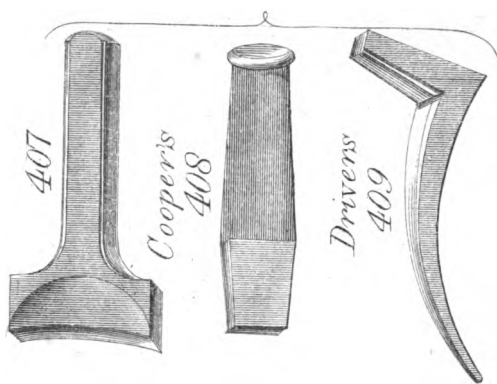
402 C.S. Coopers' Crump Hollowing Knife



403 Coopers' Broad London Hollowing Knife

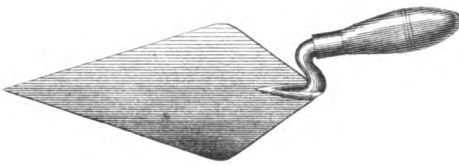


For Prices see Page 25,

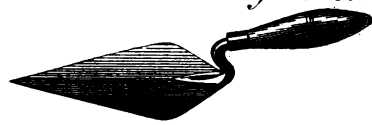


For Prices see Page 27,

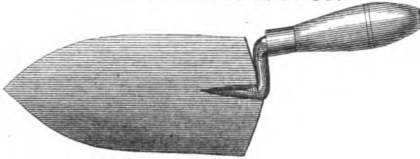
438. C. S. London Brick Trowel.



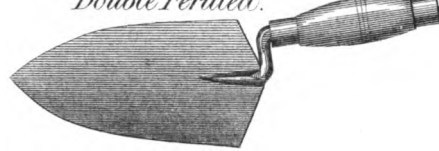
446. C. S. Pointing Trowel.



444. C. S. Edinbro' Trowel.

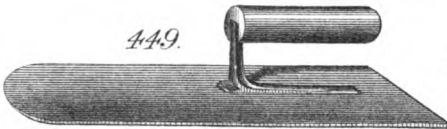


445. C. S. Edinbro' Trowel.
Double Feruled.

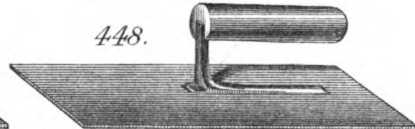


C. S. Plasterers Trowels.

449.



448.



424. Carpenter's Auger.



426. Dod's Pattern Ship Auger.



427. Ship Auger.



435. Bright Screw Bit.



429. Black Screw Auger.



430. Black Screw Auger with Eye.



434. Bright American Auger.



433. Improved Bright Scotch Screw Auger.
Thin Edges

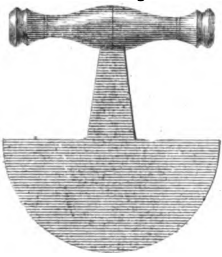


432. Bright Scotch Screw Auger with Eye.

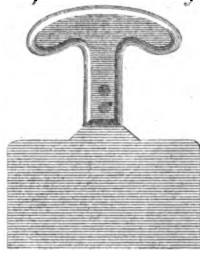


For Prices see Pages 27, and 28,

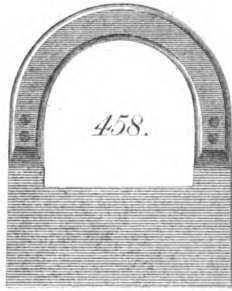
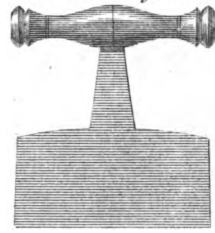
453
C. S. Mincing Knife.



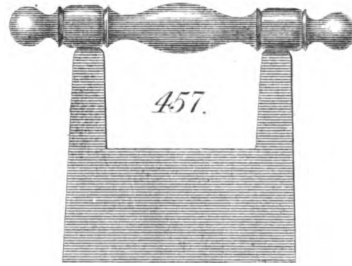
455.
C. S. Improved Mincing Knife.



452
C. S. Mincing Knife.

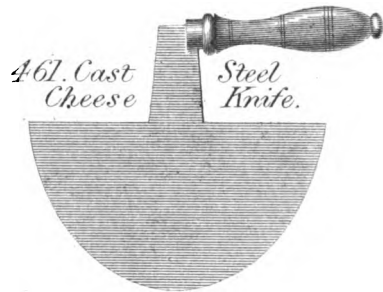
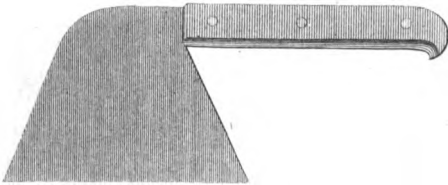


458.
*C. S. Improved
Double Tang Mincing Knife.*



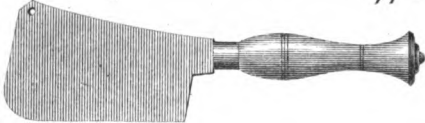
457.
C. S. Double Tang Mincing Knife.

459. *C. S. French Mincing Knife.*

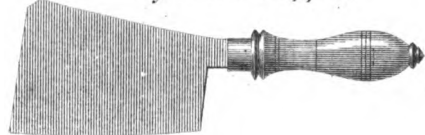


461. Cast
Cheese
Steel
Knife.

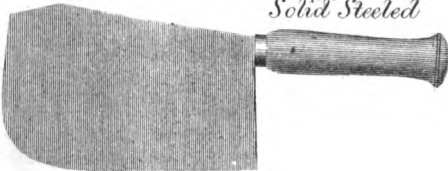
463. *London Pattern Meat Chopper.*



462. *Bright Meat Chopper.*



464. *Smithfield Chopper.
Solid Steeled*



466. *Steak Beater.*



468. *Iron Handle Butchers Cleaver.*



465. *Sugar Chopper.*



For Prices see Page 28,

*Newcastle
Ship Axe.*



Blocking Axe.



*Ship Axe
Round Eye.*



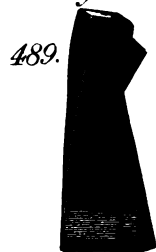
Ship Axe.



Australian Felling Axe.

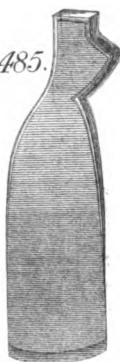


*Colonial
Felling Axe.*



485.

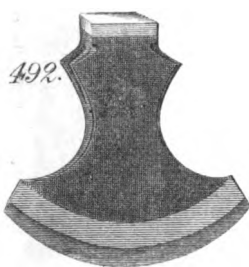
Dod's Ship Axe.



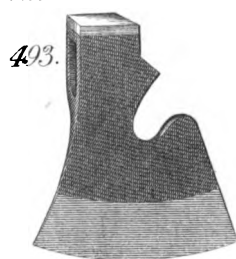
*Long
Felling Axe.*



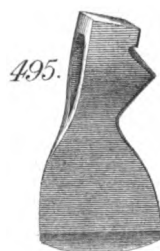
*Best
Wheeler's Axe.*



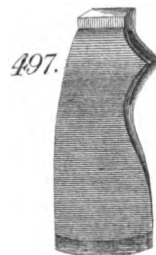
*Best
Coachmaker's Axe.*



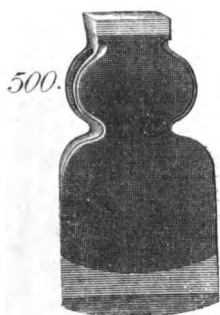
*Newcastle
Axe.*



*Yorkshire
Axe.*



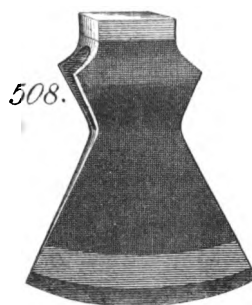
*Scotch
Axe.*



*Kent
Axe.*



*Irish
Axe.*



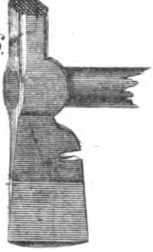
*Suffolk
Axe.*



For Prices see Pages 29, and 30.

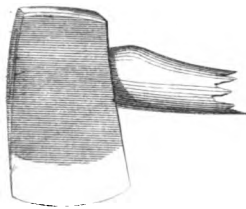
*American
Lathing Hatchet.*

526.



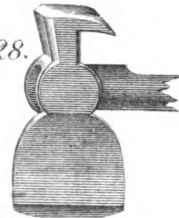
*Canada
Hatchet.*

527.



*American
Shingling Hatchet
with Claw.*

528.



*American
Shingling Hatchet.*

529.



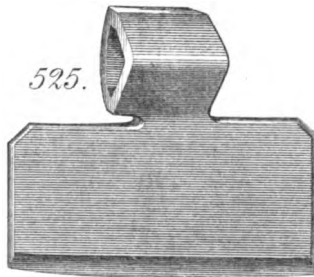
*French
Shingling Hatchet.*

530.



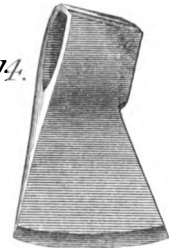
Cooper's Axe.

525.



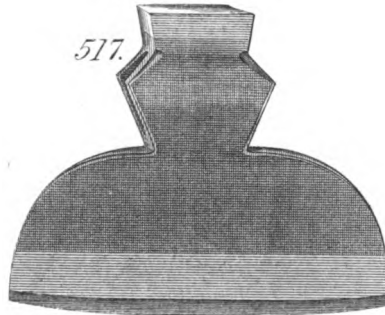
*French
Felling Axe.*

514.



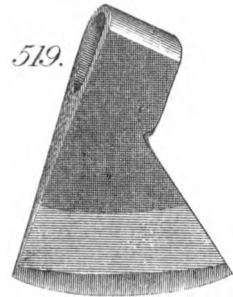
*Pennsylvania Side or
Squaring Axe.*

517.



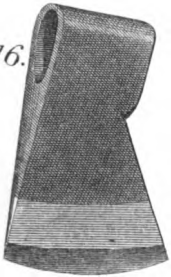
*Biscany
Squaring Axe.*

519.



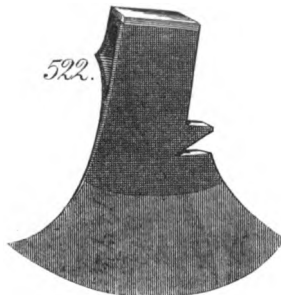
Brazil. Axe.

516.



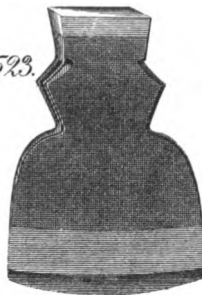
*Dutch
Side Axe.*

522.



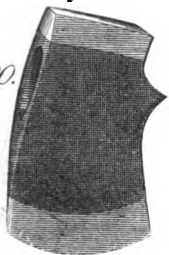
*Side or
Squaring Axe.*

523.



*Kentucky
Wedge. Axe.*

520.



*Canada
Wedge. Axe.*

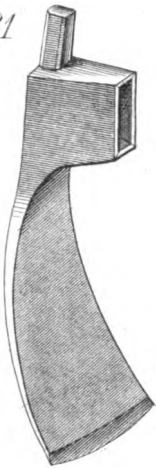
521.



For Prices see Page. 30

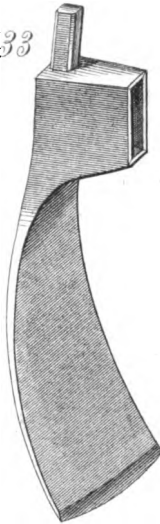
Carpenters Adze

531



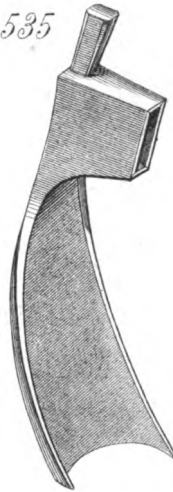
Ship Adze

533



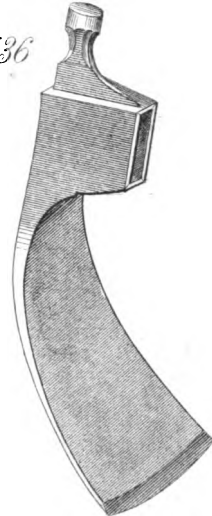
Spout Adze

535



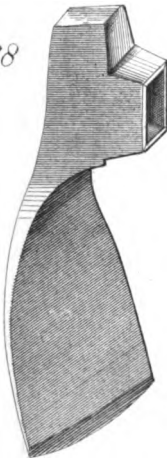
Improved Scotch Adze

536



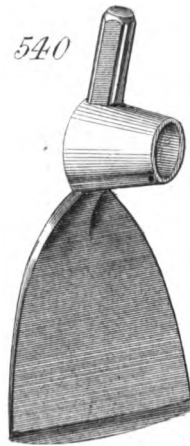
Best Wheelers Adze

538



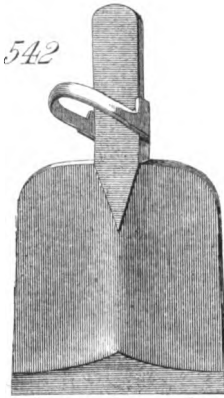
American Adze Round Eye

540



Brazil Slot Adze

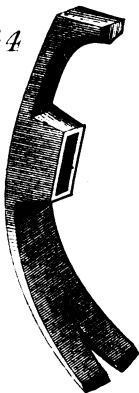
542



*Coopers Sharp Adze
Liverpool Pattern*

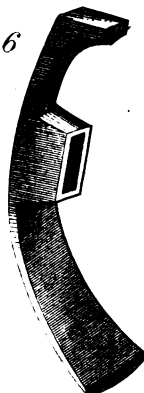
Coopers Nail Adze

544



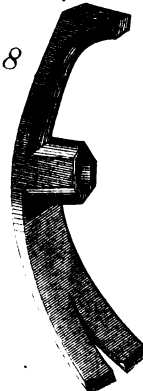
Coopers Sharp Adze

546

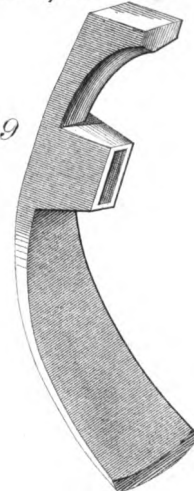


*Coopers Nail Adze
Liverpool Pattern*

548



549

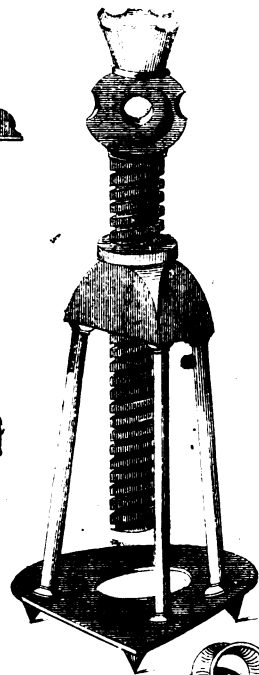
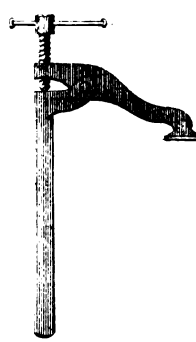
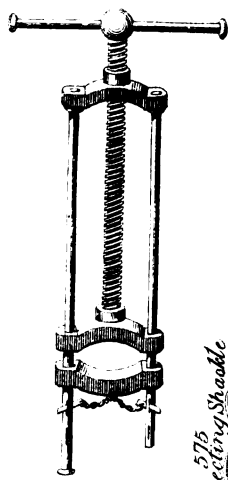
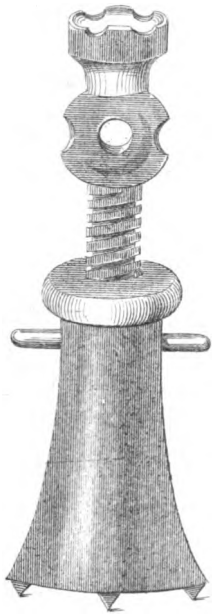


For Prices see Pages 30 and 31



Bottle Screw Jack 551 *Bright Rigging Screw* 553 *Joiners Holdfast* 557

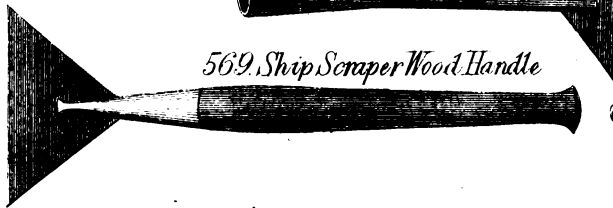
Tripod Screw Jack 552



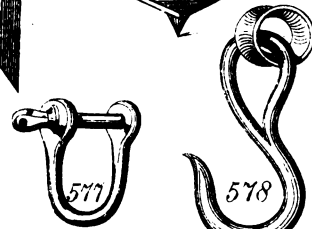
575 Connecting Shackle

Improved Connecting Link 576

570 Ship Scraper Iron Handle



569 Ship Scraper Wood Handle



Shackle 577 Hook and Thimble 578



571 Strong Tinned Flash Forks



559 Bright Marine Spike



561 Ship Carpenters Pin Maul

CAULKING IRONS



566



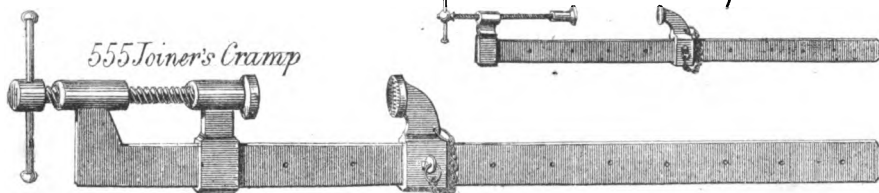
565



563



562

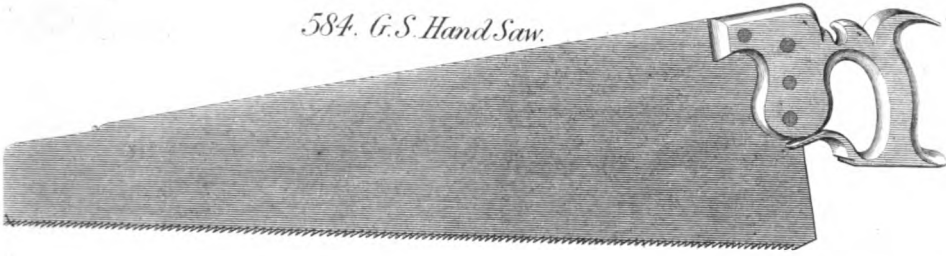


555 Joiners Cramp

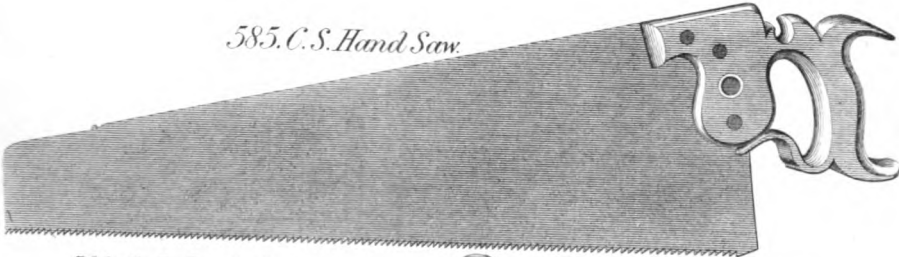
556 Sash Cramp

For Prices see Pages 31. and 32.

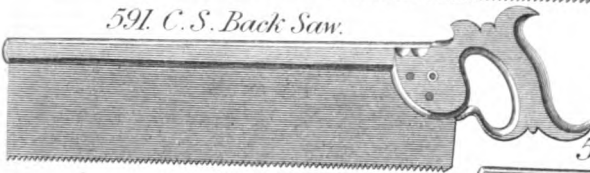
584. G.S. Hand Saw.



585. C.S. Hand Saw.



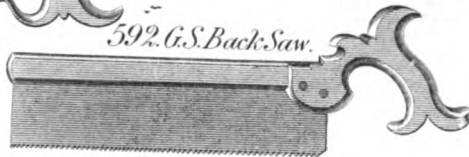
591. C.S. Back Saw.



598. Iron Web.



592. G.S. Back Saw.



586. C.S. Grafting Saw.



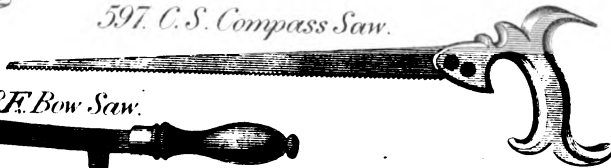
594. G.S. Table Saw.



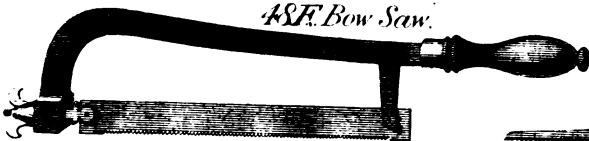
Tenon Saw.



597. C.S. Compass Saw.



ASF. Bow Saw.



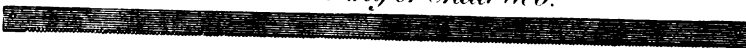
599. Fret Saw.



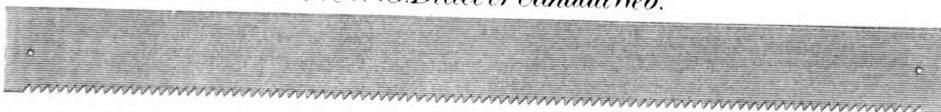
601. Doctor or Calico Web.



602. Turning or Chair Web.



603. C.S. Billet or Canada Web.

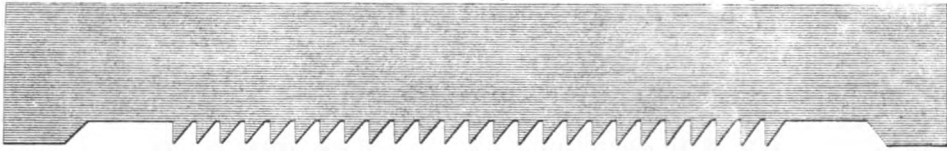


For Prices see Pages 4, 32, 33.

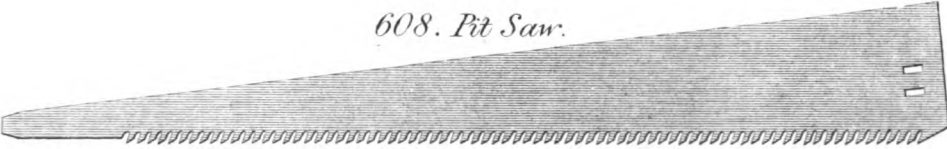
605. Felloe Saw.



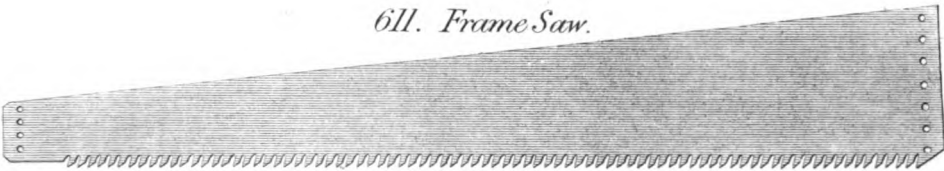
606. Muley Saw.



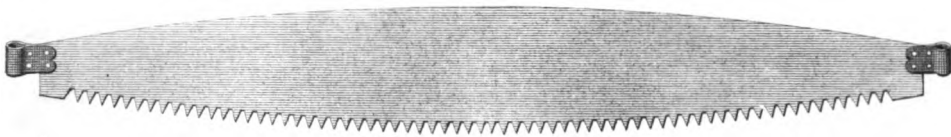
608. Pit Saw.



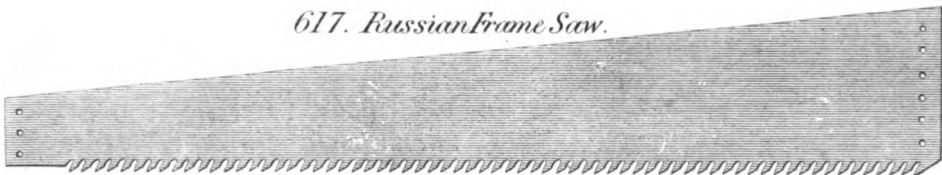
611. Frame Saw.



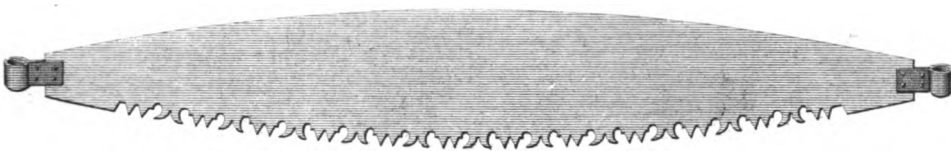
614. Cross Cut Saw.



617. Russian Frame Saw.



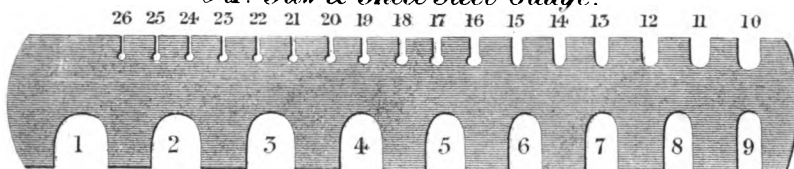
619. Tuttle's Patent Cross Cut Saw.



620. Stave Saw

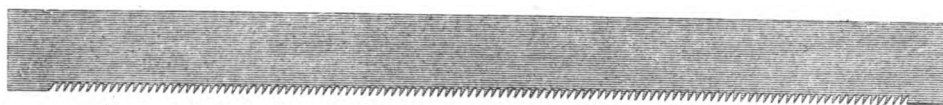


621. Saw & Sheet Steel Gauge.

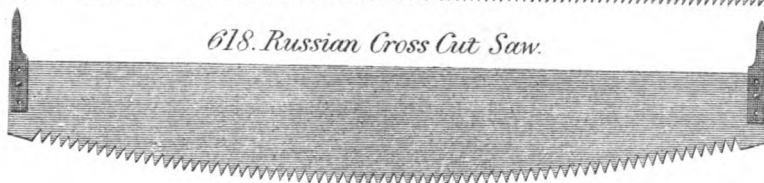


For Prices see Pages 33 and 34,

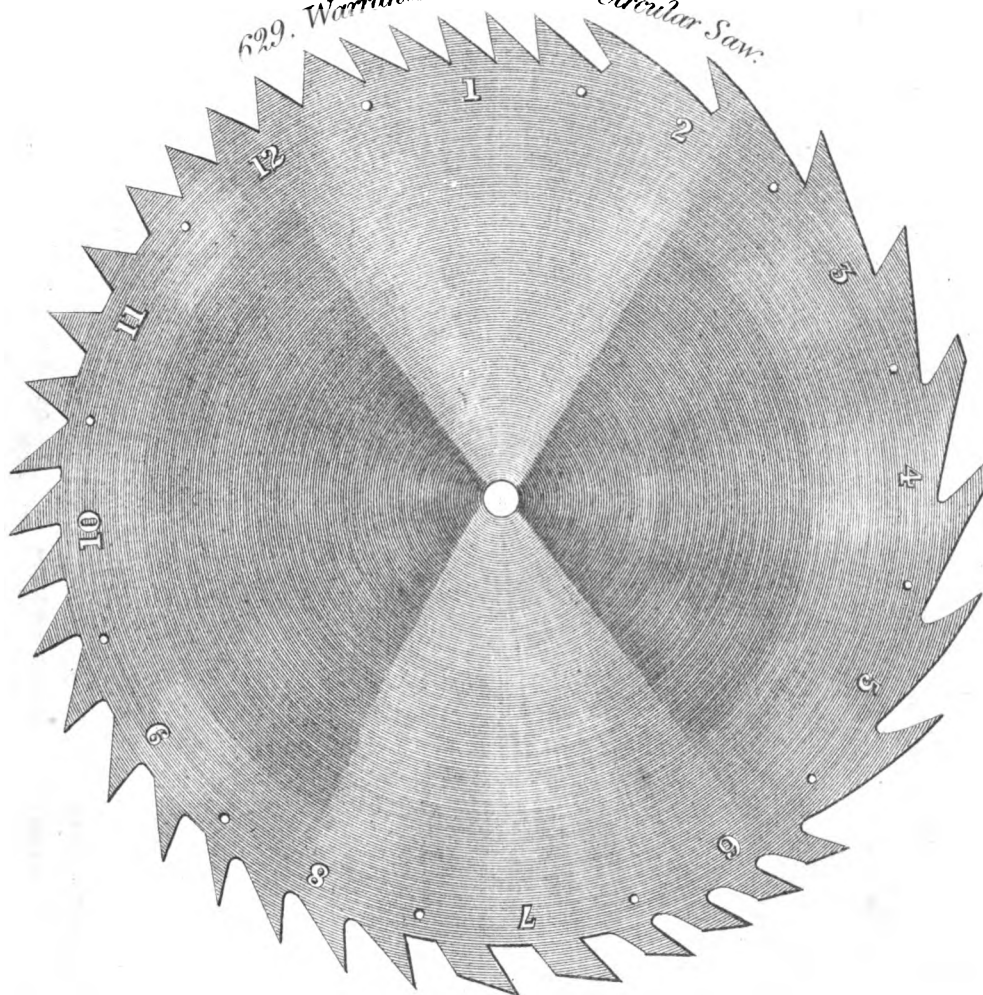
622. Veneer Web.



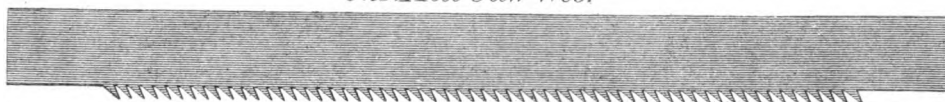
618. Russian Cross Cut Saw.



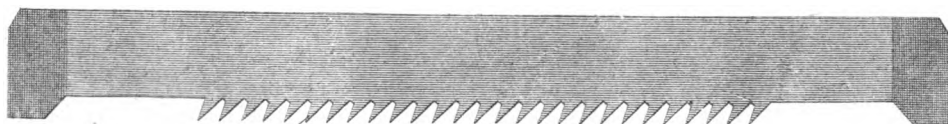
629. Warranted Cast Steel Circular Saw.



623. Mill Saw Web.



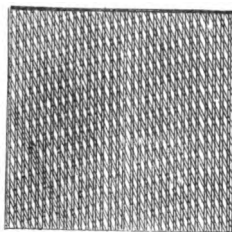
624. Mill Saw.



For Prices see Pages 34, and 35,

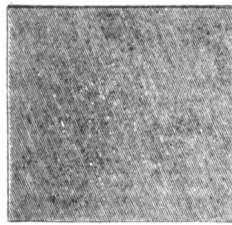
A

NEW CUT



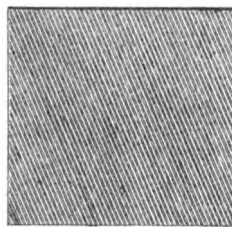
B

FLOAT DEAD SMOOTH

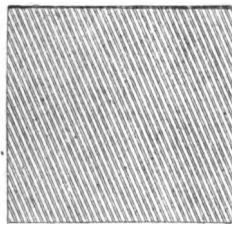


C

FLOAT SMOOTH

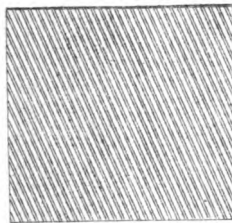


D

FLOAT 2ND CUT

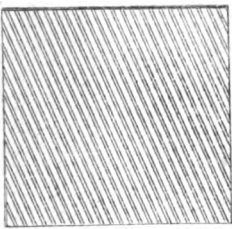
E

FLOAT BASTARD



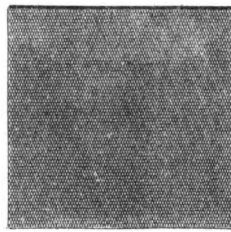
F

FLOAT ROUGH

*Float Cut*

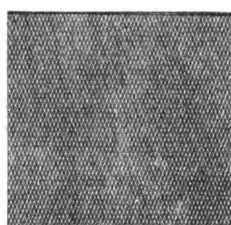
G

DEAD SMOOTH

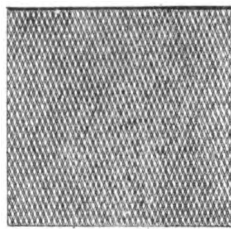


H

SMOOTH

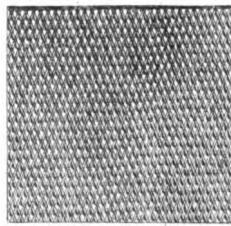


I

2ND CUT

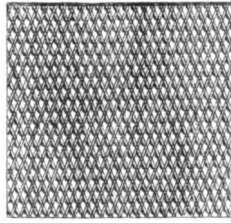
K

BASTARD



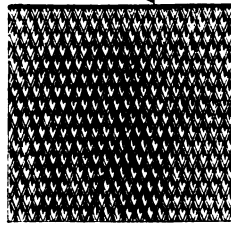
L

MIDDLE CUT



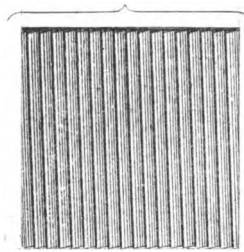
M

ROUGH

*Double Cut*

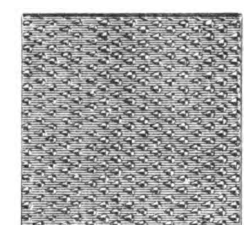
N

BONE FLOAT



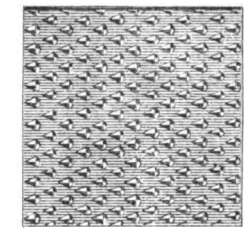
O

SMOOTH



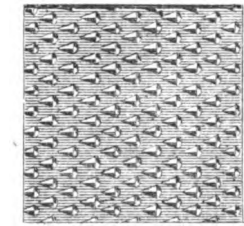
P

SECOND



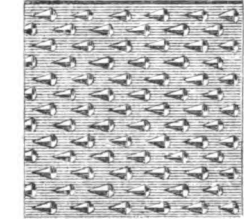
Q

BASTARD



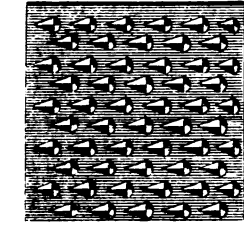
R

MIDDLE

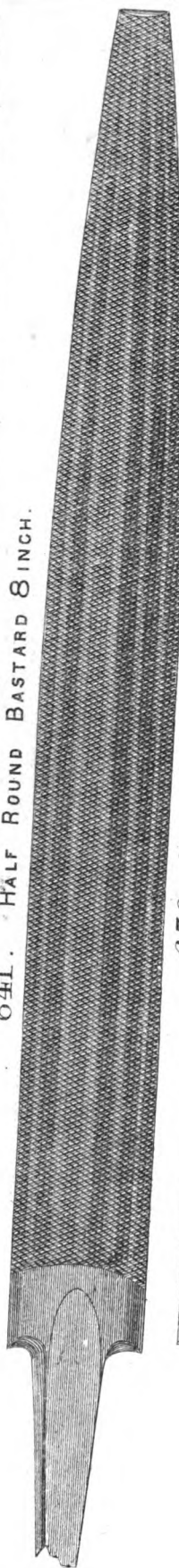


S

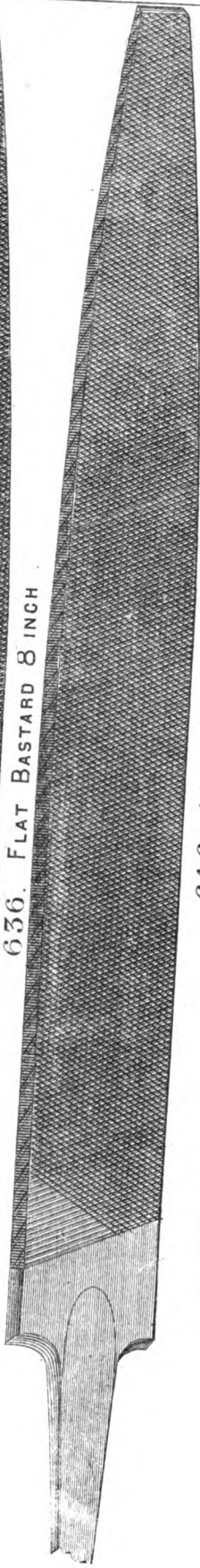
ROUGH

*Rasp Cut**Plate 35*

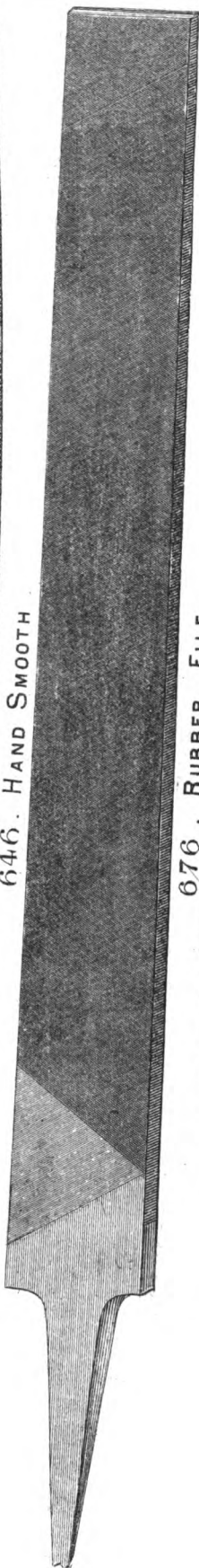
641. HALF ROUND BASTARD 8 INCH.



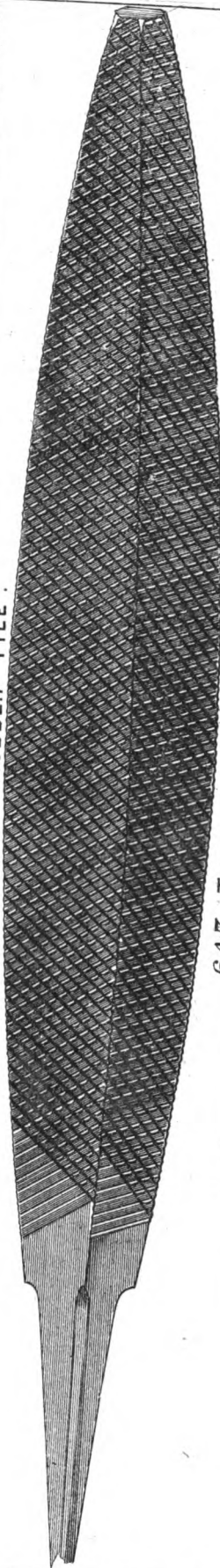
636. FLAT BASTARD 8 INCH



646. HAND SMOOTH



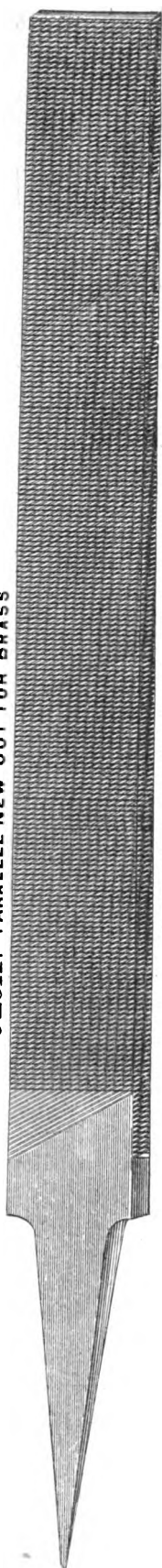
676. RUBBER FILE



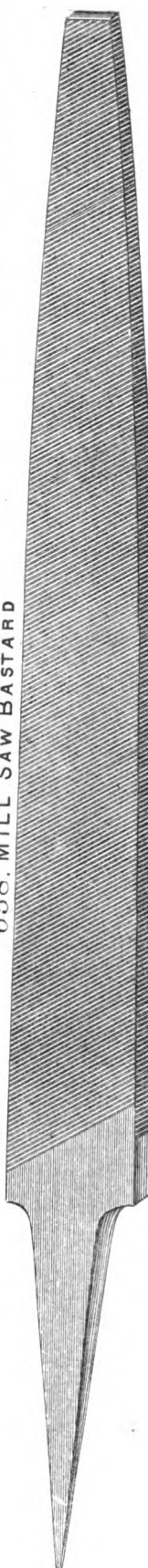
643. THREE SQUARE BASTARD



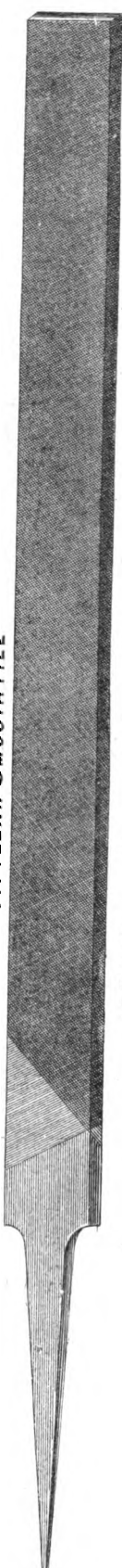
646A. PARALLEL NEW CUT FOR BRASS



638. MILL SAW BASTARD



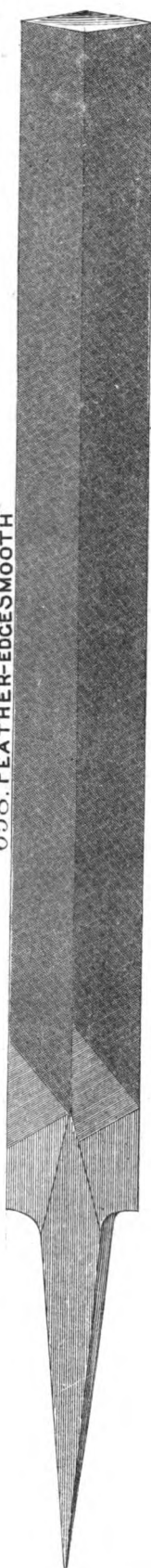
650. PILLAR SMOOTH FILE



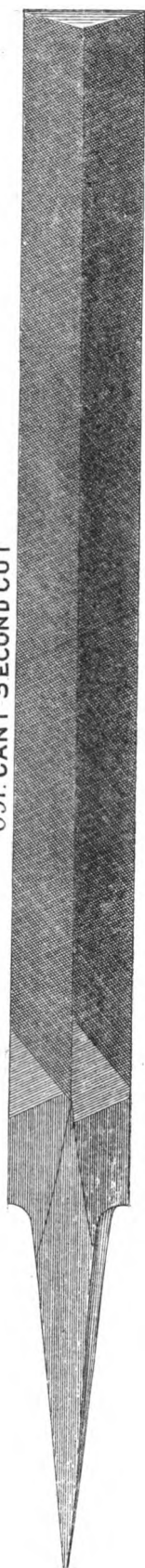
659 CROSS SMOOTH DOUBLE CUT.



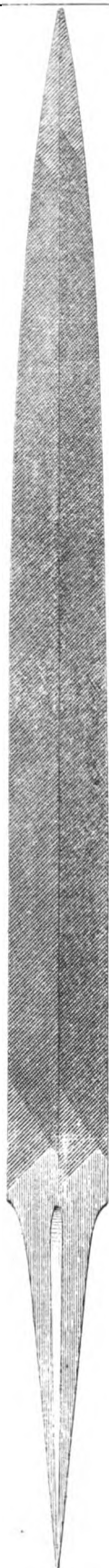
658. FEATHER-EDGE SMOOTH



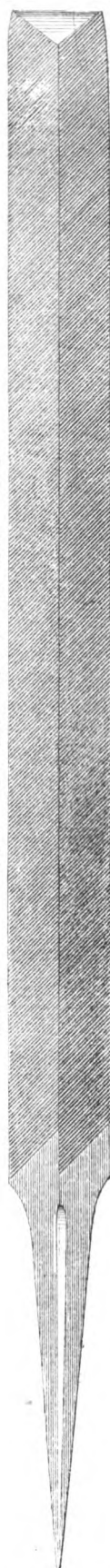
657. CANT SECOND CUT



667 A TAPER SAW FILE DOUBLE CUT



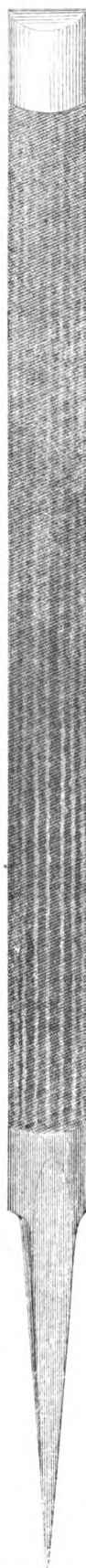
668 BLUNT SINGLE CUT HAND SAW FILE



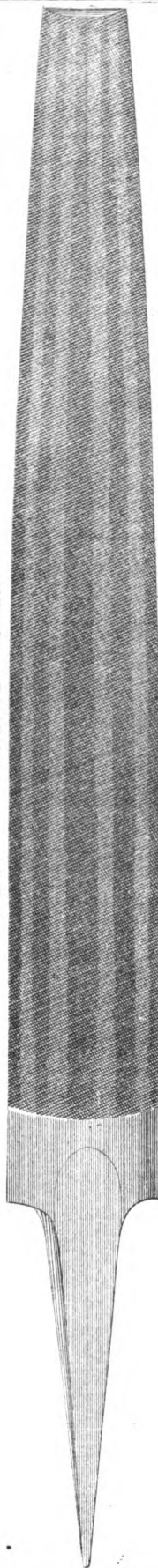
669 GULLET FILE



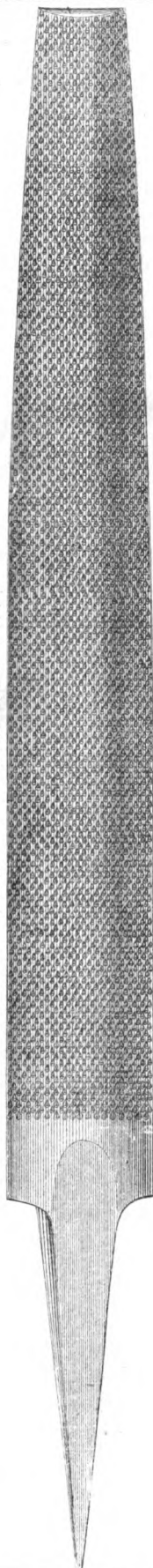
670 DOUBLE CUT FRAME SAW FILE



649 CABINET FILE

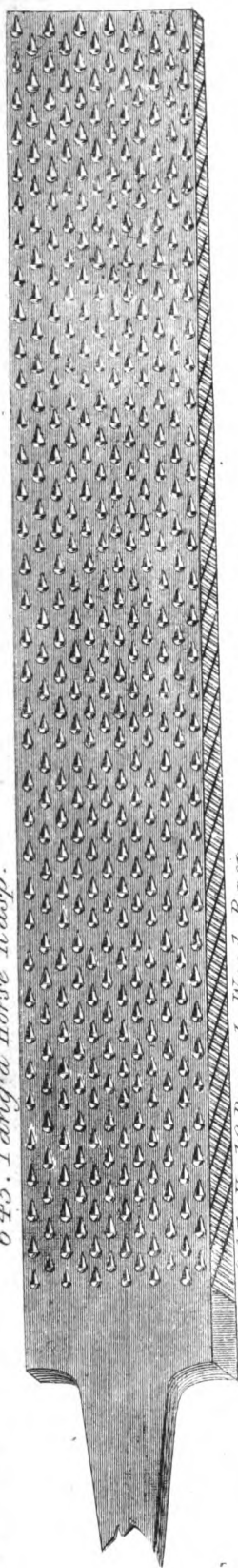


648 CABINET RASP

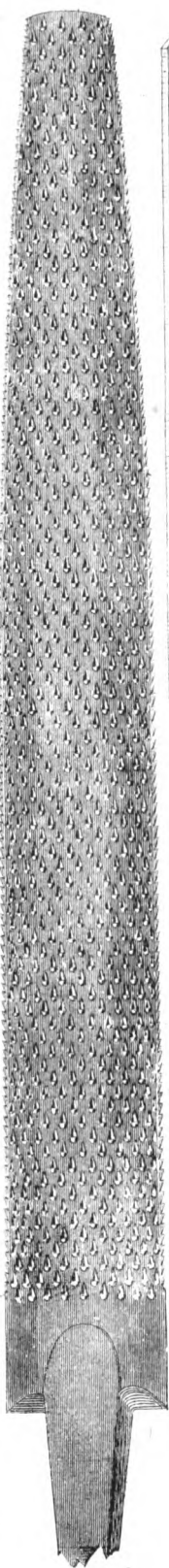


For Prices see Pages 36, and 37,

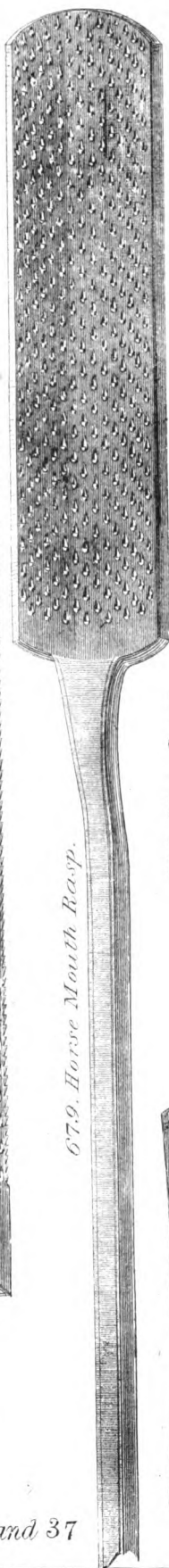
645. Tangled Horse Rasp.



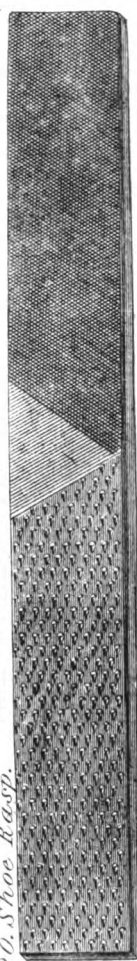
647. Half Round Wood Rasp.



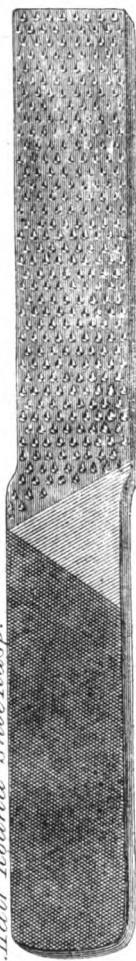
679. Horse Mouth Rasp.



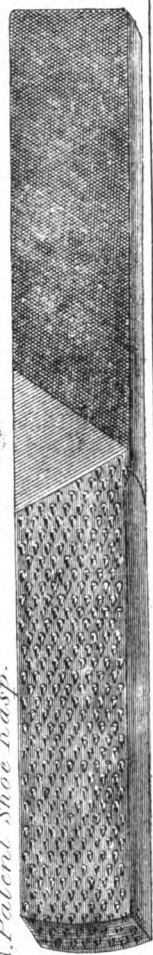
680. Shoe Rasp.



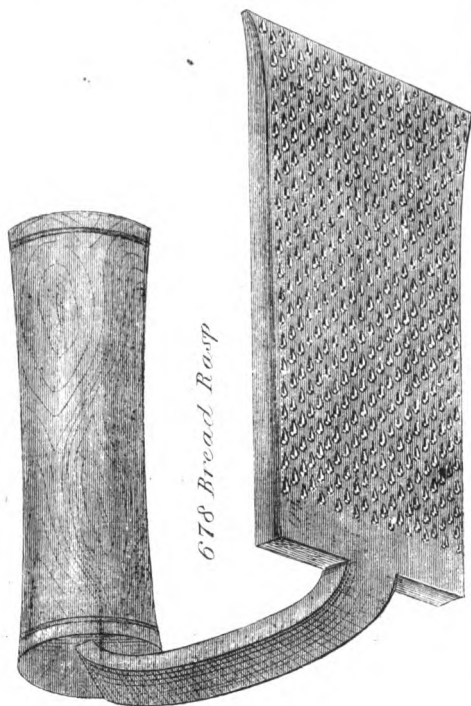
681. Half Round Shoe Rasp.



681A. Patent Shoe Rasp.

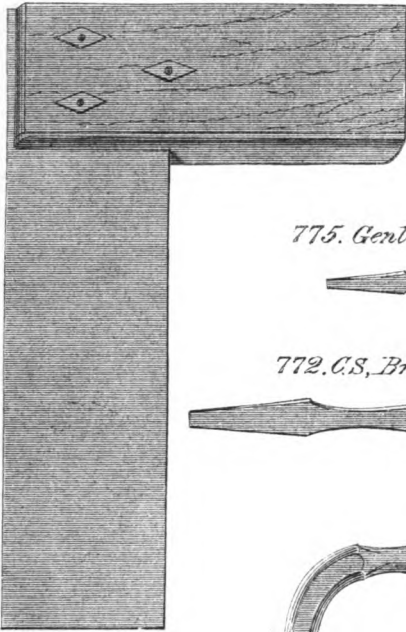


678. Broad Rasp.

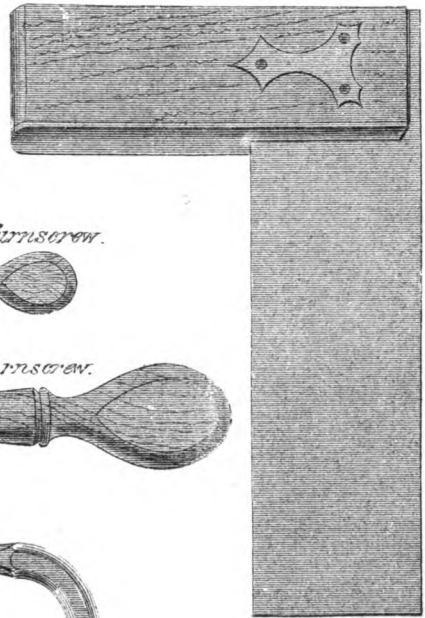


For Prices see Pages 36, and 37

702. Plated Square



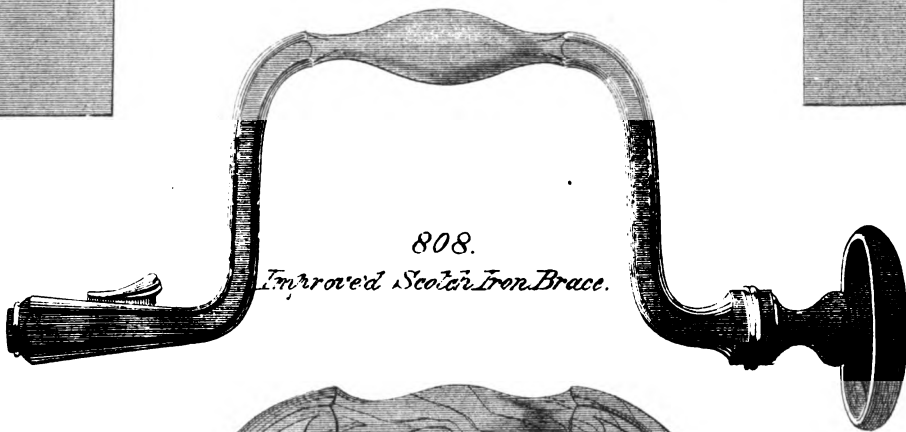
703. Best Plated Square.



775. Gentleman's Fancy Turniscrew.

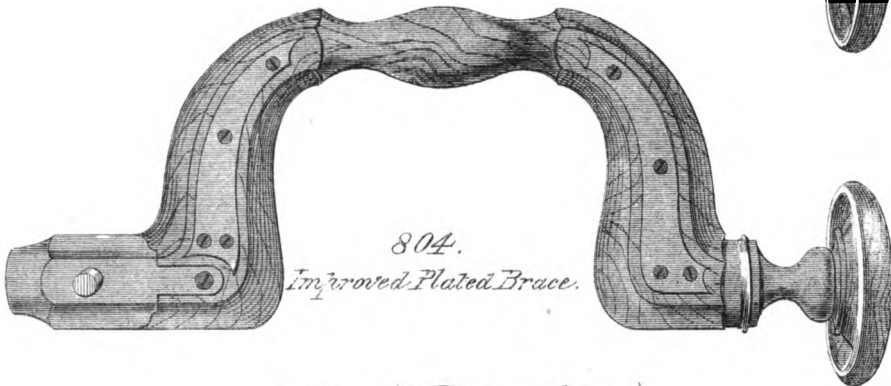


772. C.S. Bright London Turniscrew.



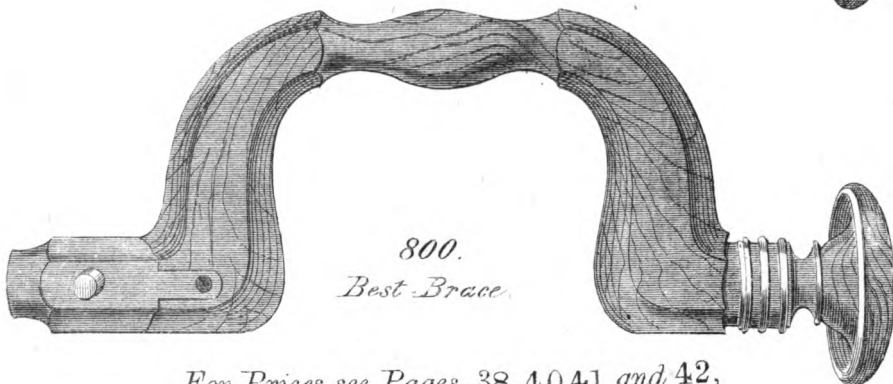
808.

Improved Scotch Iron Brace.



804.

Improved Plated Brace.

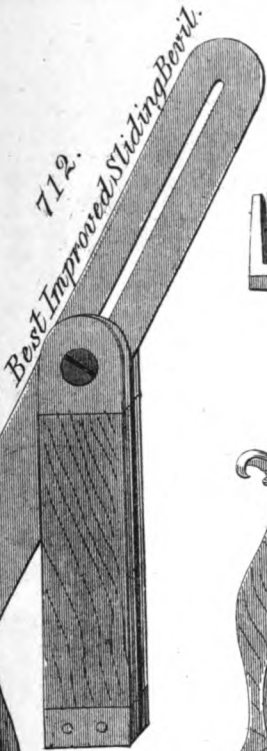


800.

Best Brace.

For Prices see Pages 38, 40, 41, and 42.

793. Best Hand Saw Set Turnscrow and.

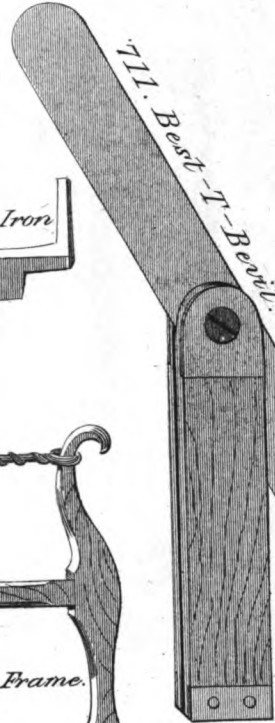


712.

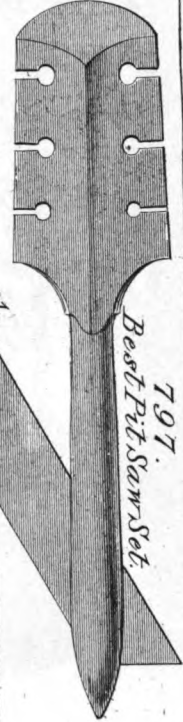
Best Improved Sliding Bevil.



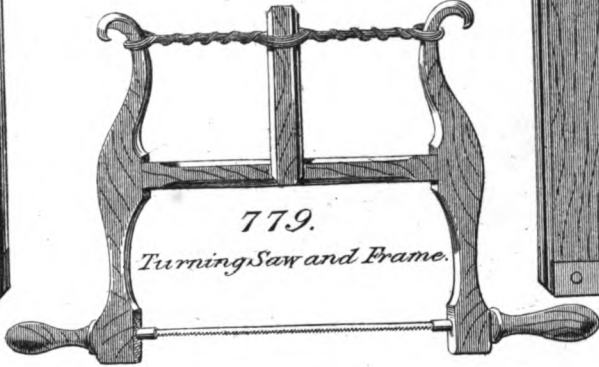
737. C.S. Spokeshave Iron



711. Best T-Bevil.

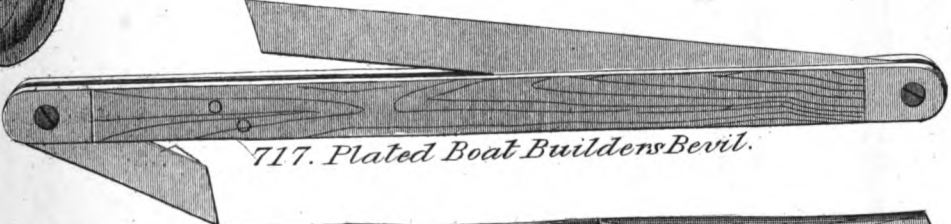


797.
Best Pit Saw Set

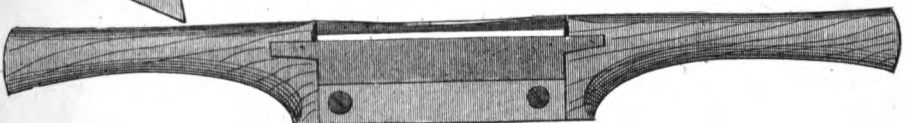


779.

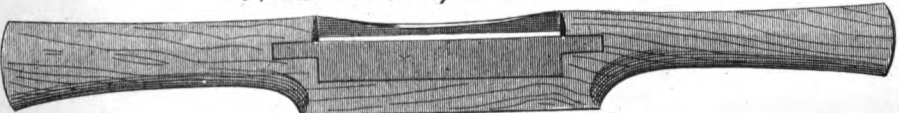
Turnings Saw and Frame.



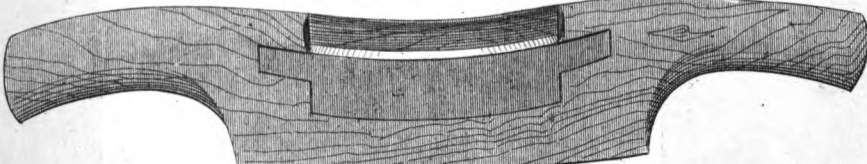
717. Plated Boat Builders Bevil.



720. Plated Spokeshave.



719. Beech-wood Spokeshave.



726. Coopers Spokeshave.

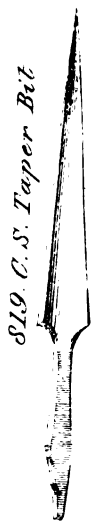


798. Plated Spirit Level

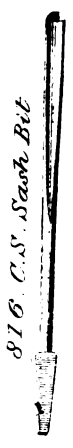
For Prices see Pages 38, 39, 40 and 41,



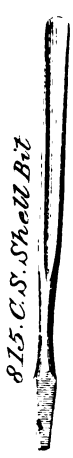
435 Bright Screw Bit For Brace



819 C.S. Taper Bit



816 C.S. Shaft Bit



815 C.S. Shell Bit



815 C.S. Nose Bit



815 C.S. Spoon Bit



829 C.S. Square Rinder



829 C.S. 1/2 Round Rinder



818 C.S. Gimblet Bit



839 Cooper-Dawling Bit



812 Centre Bit



814 Saw Handle Centre Bit



823 Plug Centre Bit



813 A Round Centre Bit



827 Snail Horn Counter sink



828 Raw head Counter sink



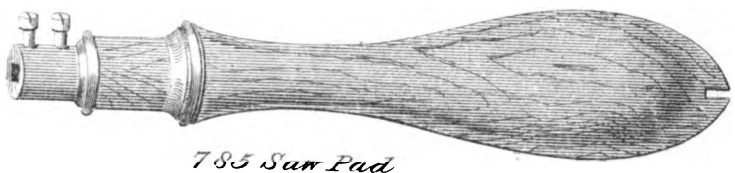
826 Flat head Counter sink



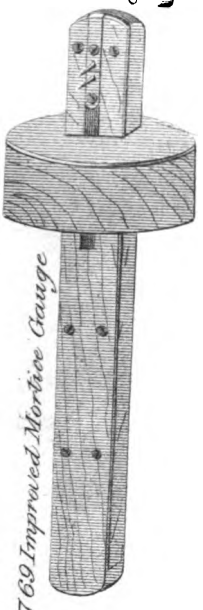
825 Brace Turn screw



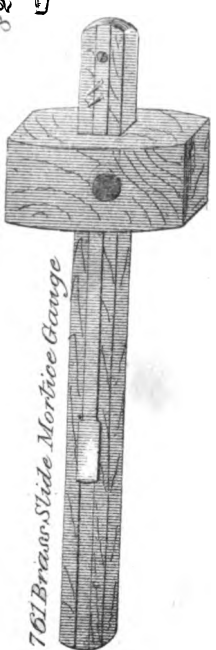
831 C.S. Babbler Bit



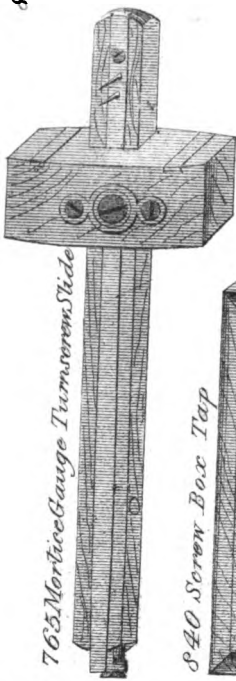
785 Saw Pad



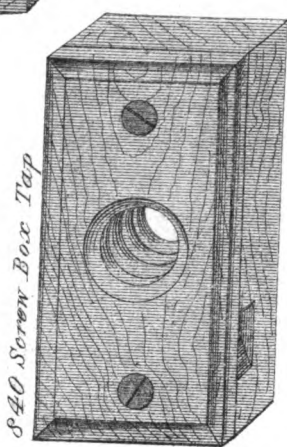
769 Improved Mortise Gauge



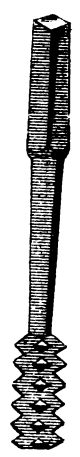
761 Brass Slide Mortise Gauge



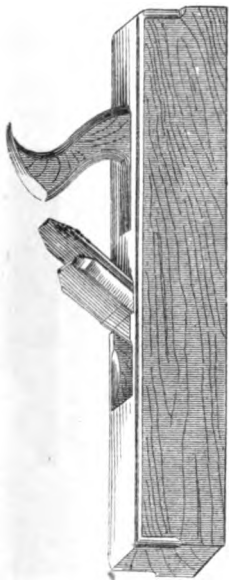
765 Mortise Gauge Turn screw Slide



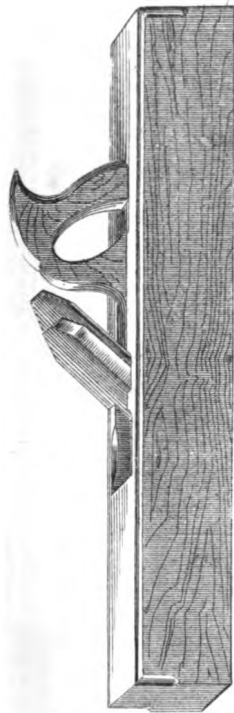
840 Screw Box Trap



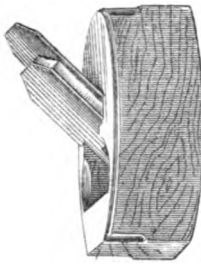
For Prices see Pages 27, 40, 41, 42, and 43,



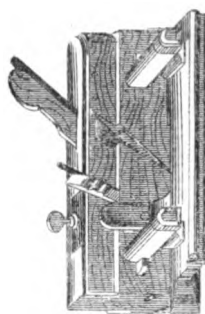
867 Jack Plane



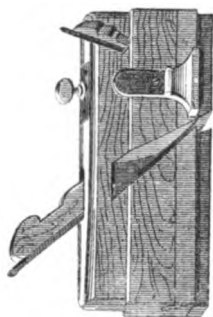
870 Trying Plane



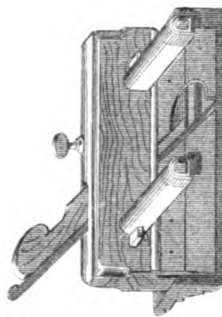
866 Smoothing Plane



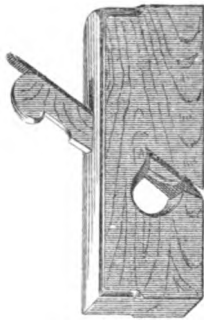
906 St. John's Plane



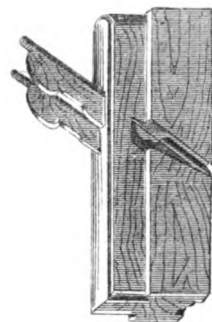
900 Moving Filler Plane



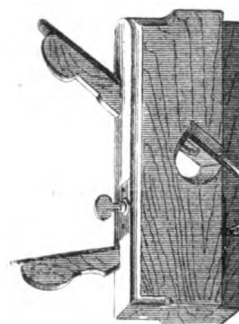
946 Plough Plane



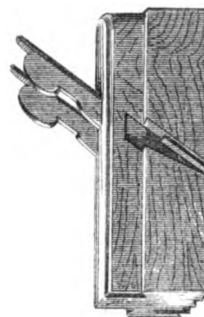
961 Rabbet Plane



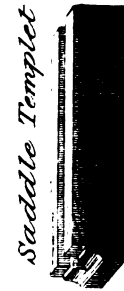
933 Sash Plane



925 Dado Grooving or
Trenching Plane



910 Pair Grooving Planes



Saddle Template



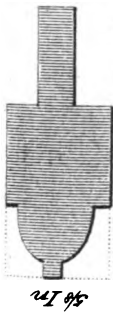
Side Template



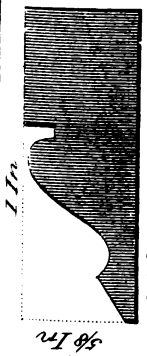
940 Quirk OGee



941A Quirk OGee & Quirk Bead



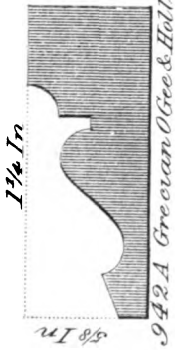
932 Oveloe Sash Plane



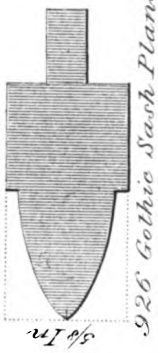
943 Grecian Oveloe



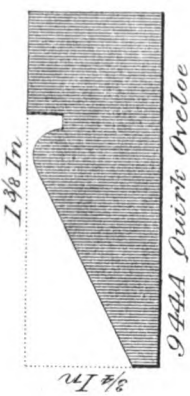
972 Torus Plane



942A Grecian OGee & Hollow



926 Gothic Sash Plane



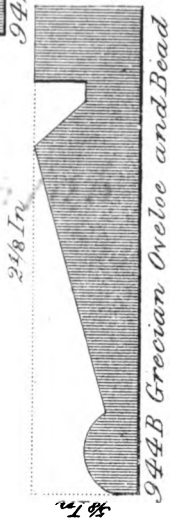
944A Quirk Oveloe



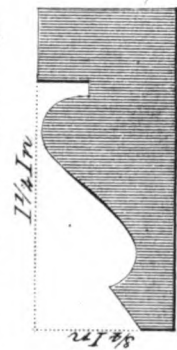
940A Quirk OGee Double Square



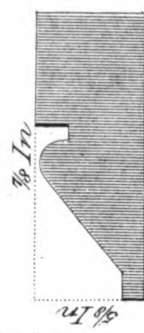
942B Flat Grecian OGee



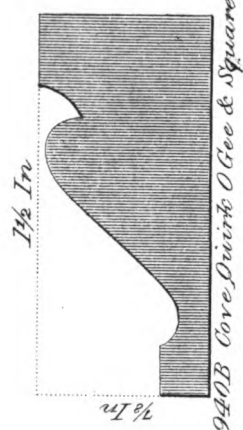
944B Grecian Oveloe and Bead



942 Grecian OGees



943A Quirk Oveloe & Square



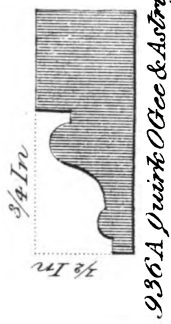
940B Cove Quirk OGee & Square



890 Bead Plane



944 Quirk Oveloe & Bead



936A Quirk OGee & Astrigal

6013.

THE
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FOURTH EDITION.

No 3106

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PLATE. No.

COACH WRENCHES AND SPANNERS.

			6	7	8	9	10	11	12	13	14	15	16	17	18	inch.					
1	20	Coach Wrenches.....	2/3	2/6	2/9	3/0	3/6	3/9	4/3	4/6	5/0	5/6	6/3	7/0	7/9	each.					
1	21	Double Coach Wrenches	5/0	5/3	5/6	5/9	6/3	6/9	7/3	8/3	9/6	11/6	13/0	14/6	16/0	"					
1	22	Best Double do.	6/0	6/6	7/0	7/6	8/6	9/6	10/3	11/0	12/0	13/6	15/0	16/6	18/0	"					
1	23	Improved Cylinder do.	5/6	5/9	6/3	7/0	7/9	8/6	9/6	10/0	11/0	12/6	14/0	15/6	17/0	"					
1	24	Best Double Railway do.	8/6	9/0	9/6	10/0	11/0	11/9	12/6	13/6	14/6	15/0	17/6	19/0	21/0	"					
1	25	Improved Rack Spanner.....	Length ..	4	5	6	8	10	12	15	18	21	24	27	30	inch.					
			Span....	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	"					
				3/6	4/0	4/6	5/0	6/6	8/0	10/	12/	14/	16/	18/	20/	each.					
1	26	Clyburn's Spanner	Length ..	4	5	6	8	10	12	15	18	21	24	26	28	30 in.					
			Span	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$	$2\frac{3}{4}$	$2\frac{1}{2}$	3 "					
				5/0	5/6	6/0	7/0	8/6	10/6	12/6	14/0	16/6	18/6	21/0	24/0	27/each					
1	27	Budding's do.	Length ..	4	5	6	8	10	12	14	16	18	20	22	24	26	28	30	inch.		
			Span	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{2}$	$3\frac{3}{4}$	$3\frac{1}{2}$	4	"			
				5/0	5/6	6/0	7/0	8/6	10/0	11/6	13/0	14/6	16/0	18/0	20/0	22/0	24/0	26/0	each.		
1	28	Key Spanner ..	Length..	8	10	12	14	16	18	21	24	27	30	inch.							
			Span....	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	"							
				3/0	4/0	5/0	6/6	8/3	10/6	14/0	16/6	18/6	22/0	each.							
1	29	Screw Key	Length..	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	inch.
			Span....	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	$2\frac{1}{2}$	"	
				1/1	1/2	1/4	1/6	1/9	2/0	2/3	2/6	2/9	3/0	3/3	3/6	3/9	4/3	4/0		each.	
		Ditto	Length ..	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	inch.	
			Span	$2\frac{1}{2}$	$2\frac{3}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{2}$	$3\frac{3}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	$3\frac{1}{2}$	4	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$	5	"		
																				each.	
1	30	Double End—	Length ..	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	$6\frac{1}{2}$	7	$7\frac{1}{2}$	8	$8\frac{1}{2}$	9	$9\frac{1}{2}$	10	in.				
			Span ...	$\frac{1}{4} \times \frac{1}{4}$	$\frac{1}{2} \times \frac{1}{2}$	$\frac{3}{4} \times \frac{3}{4}$	1×1	$1\frac{1}{4} \times 1\frac{1}{4}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{3}{4} \times 1\frac{3}{4}$	2×2	$2\frac{1}{4} \times 2\frac{1}{4}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{3}{4} \times 2\frac{3}{4}$	3×3	$3\frac{1}{4} \times 3\frac{1}{4}$	$3\frac{1}{2} \times 3\frac{1}{2}$	$3\frac{3}{4} \times 3\frac{3}{4}$	4×4	"	
				1/3	1/3	1/6	1/6	1/9	1/9	2/0	2/0	2/2	2/2	2/4	2/4	2/4	2/7	ea.			
		Continued	Length ..	$10\frac{1}{2}$	11	$11\frac{1}{2}$	12	$12\frac{1}{2}$	13	$13\frac{1}{2}$	14	$14\frac{1}{2}$	inch.								
			Span	$1 \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	"	
				2/7	2/9	2/9	3/0	3/0	3/5	3/5	3/9	3/9	each.								
		—Screw Key ..	Length ..	15	$15\frac{1}{2}$	16	$16\frac{1}{2}$	17	$17\frac{1}{2}$	18	$18\frac{1}{2}$	19	$19\frac{1}{2}$	in.							
			Span	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 2$	$1\frac{1}{2} \times 2$	$1\frac{1}{2} \times 2\frac{1}{2}$	$2 \times 2\frac{1}{2}$	$2 \times 2\frac{1}{2}$	$2 \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	"	
				4/6	4/6	5/0	5/0	5/9	5/9	6/6	6/6	7/3	7/3	ea.							
1	31	Same price—	Length ..	20	$20\frac{1}{2}$	21	$21\frac{1}{2}$	22	$22\frac{1}{2}$	23	$23\frac{1}{2}$	24	inch.								
			Span	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	$2\frac{1}{2} \times 2\frac{1}{2}$	"	
				8/3	8/3	9/3	9/3	10/3	10/6	11/6	11/6	12/6	each.								
		—as No. 30....	Length ..	$24\frac{1}{2}$	25	$25\frac{1}{2}$	26	$26\frac{1}{2}$	27	$27\frac{1}{2}$	28	$28\frac{1}{2}$	29	in.							
			Span	$2\frac{1}{2} \times 3$	$2\frac{1}{2} \times 3$	$2\frac{1}{2} \times 3\frac{1}{2}$	$3 \times 3\frac{1}{2}$	$3 \times 3\frac{1}{2}$	$3\frac{1}{2} \times 3\frac{1}{2}$	$3\frac{1}{2} \times 3\frac{1}{2}$	$3\frac{1}{2} \times 3\frac{1}{2}$	$3\frac{1}{2} \times 3\frac{1}{2}$	$3\frac{1}{2} \times 3\frac{1}{2}$	$3\frac{1}{2} \times 3\frac{1}{2}$	$3\frac{1}{2} \times 3\frac{1}{2}$	$3\frac{1}{2} \times 3\frac{1}{2}$	$3\frac{1}{2} \times 3\frac{1}{2}$	$3\frac{1}{2} \times 3\frac{1}{2}$	$3\frac{1}{2} \times 3\frac{1}{2}$	"	
				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	in.	
		Continued.	Length ..	$29\frac{1}{2}$	30	31	32	33	36	inches.											
			Span	$3\frac{1}{2} \times 3\frac{1}{2}$	$3\frac{1}{2} \times 3\frac{1}{2}$	$3\frac{1}{2} \times 3\frac{1}{2}$	$3\frac{1}{2} \times 3\frac{1}{2}$	$3\frac{1}{2} \times 4$	$4 \times 4\frac{1}{2}$	$4\frac{1}{2} \times 5$	"										

PLATE. No.

ENGINEERS' TOOLS.

2 32

SCREW STOCKS AND DIES.

Best Screw Stocks and Dies, warranted Whitworth's Pitch, with 4 each Taper and Plug Taps.

$\frac{1}{4}$	5-16	$\frac{3}{8}$	$\frac{1}{2}$ inch 40/ per Set.	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$ inch 76/ per Set.
5-16	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$ „ 45/ „	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$ „ 90/ „
$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	„ 50/ „	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$ „ 105/ „
9-16	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$ „ 58/ „	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ „ 125/ „
$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1 „ 66/ „	Larger sizes advance 40/ per $\frac{1}{8}$ inch to $2\frac{1}{4}$ inch, above $2\frac{1}{4}$, 50/ per $\frac{1}{8}$ inch.			

32A

BEST SCREW STOCKS, No. 32, FITTED IN OAK CASE,

With 4 pair of Dies, 4 Taper, 4 Second, 4 Plug, and 4 Master Taps; Tap Wrenches, Internal and External Screw Tools; Tommies and Turnscrews.

A 1 SET, COMPLETE IN FIVE CASES, £64 10s.

$\frac{1}{8}$	3-16	$\frac{1}{4}$	5-16	$\frac{3}{8}$	7-16	$\frac{1}{2}$	9-16	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	inch.	
90/				120/				190/				330/				560/			per set.

A 2 SET, COMPLETE IN FOUR CASES, £49.

3-16	$\frac{1}{4}$	5-16	$\frac{3}{8}$	7-16	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	inch.
100/				130/				240/				510/				per set.	

A 3 SET, COMPLETE IN FOUR CASES, £54 10s.

$\frac{1}{4}$	5-16	$\frac{3}{8}$	7-16	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	inch.
110/				170/				280/				530/				per set.

A 4 SET, COMPLETE IN FOUR CASES, £60.

5-16	$\frac{3}{8}$	7-16	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	inch.	
120/				190/				330/				560/				per set.

A 5 SET, COMPLETE IN THREE CASES, £40 5s.

$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	inch.
130/				215/				460/				per set.		

A 6 SET, COMPLETE IN THREE CASES, £45.

$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	inch.
150/				240/				510/				per set.	

2 33

SCREW STOCKS, AND DIES.—Second Quality.

$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$ inch 37/ per set.	$\frac{3}{4}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$ inch 67/ per set.
$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	„ 42/ „	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$ „ 74/ „
$\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{8}$	$\frac{3}{4}$	„ 48/ „	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ „ 82/ „
$\frac{3}{4}$	$\frac{5}{8}$	$\frac{3}{4}$	1	„ 54/ „	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$ „ 139/ „
$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{8}$	„ 60/ „	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 „ 185/ „

33A

SECOND QUALITY SCREW STOCKS,

No. 33, fitted in Oak Case, with 4 pair Dies, 4 Taper and 4 Plug Taps, Tap Wrenches, and Tommies.

A 7 SET, IN THREE CASES, £17 10s.

$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	inch.
55/				95/				200/				per set.	

A 8 SET, FITTED IN THREE CASES, £21 15s.

$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	inch.
70/				115/				250/				per set.

Second Taps and Master Taps charged extra, as per List Prices.

2 34

BEST GAS SCREW STOCKS AND DIES, with Three each Taper and Plug Taps.

$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$ inch 40/ per set.	$\frac{3}{4}$	1	$1\frac{1}{8}$ inch 90/ per set.
$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$ „ 45/ „	1	$1\frac{1}{8}$	$1\frac{1}{4}$ „ 125/ „
$\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{8}$ „ 50/ „	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$ „ 165/ „
$\frac{3}{4}$	$\frac{5}{8}$	$\frac{3}{4}$ „ 60/ „	$1\frac{1}{4}$	$1\frac{3}{8}$	2 „ 220/ „
$\frac{5}{8}$	$\frac{3}{4}$	1 „ 66/ „	$1\frac{1}{2}$	$1\frac{3}{4}$	2 „ 250/ „
$\frac{3}{4}$	1	„ 72/ „			

PLATE.

No.

ENGINEERS' TOOLS.—Continued.

BEST GAS SCREW STOCKS AND DIES,

With three each Taper and Plug Taps for Brass Tube.

$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	inch 20/ per Set.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	inch 23/ per Set.
$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	„ 26/ „	$\frac{5}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	inch 32/ per Set.

DOUBLE HAND SCREW PLATES AND TAPS. Notched.

$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	inch down.
12/	14/	17/6	21/	26/	33/	each.

CLOCK SCREW PLATES AND TAPS.

6	7	8	9	10	11	12	13	14	15	16	Sizes.
30/	37/	45/	52/	60/	67/	80/	96/	111/	125/	141/	per doz.

CLOCK SCREW PLATES AND TAPS. Notched.

48/	58/	69/	79/	90/	102/	116/	135/	153/	168/	189/	per doz.
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If Bright, 7/6 per dozen extra.

Improved Grooved Taps and Dies, separately: Cut to Whitworth's Pitch and made of the best Cast Steel.

Diameter in Inches	3-16	$\frac{1}{4}$	5-16	$\frac{3}{8}$	7-16	$\frac{1}{2}$	9-16	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$
No. of Threads to an Inch	24	20	18	16	14	12	12	11	10	9	8	7
Working Taps, each	2/	2/	2/6	2/6	2/9	3/	3/6	3/6	4/3	5/	6/	6/9
Master Taps	2/6	2/6	3/	3/6	3/9	4/6	5/	5/6	6/	7/6	9/	10/9
Machine Taps	2/6	2/6	3/	3/	3/6	3/6	4/	5/	5/9	7/	8/6	9/
Gas Taps		3/	3/	3/	4/	4/6	5/	5/	6/	6/	6/	6/
Hobs for Cutting Screw Tools each		10/	12/	14/	16/	18/	20/	22/	24/	26/	28/	30/
Tap Wrenches	1/6		2/	2/	2/6	3/	3/6	4/6	6/	9/6	9/6	
Screw Tools for Slide Lathes, each			2/6	1/9				3/	2/			
Hand Screw Tools, each			1/9					2/				
Extra Dies, per pair, to				3/				4/6			6/	

Diameter in Inches	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{5}{8}$	1 $\frac{3}{4}$	1 $\frac{7}{8}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3
No. of Threads to an Inch	7	6	6	5	5	4 $\frac{1}{2}$	4 $\frac{1}{2}$	4	4	3 $\frac{1}{2}$	3 $\frac{1}{2}$
Working Taps, each	8/	10/6	12/	15/	17/	20/	23/	29/	36/	44/	53/
Master Taps	12/	14/	16/	21/	24/	27/	30/	36/	44/	52/	62/
Machine Taps	11/	13/6	16/6	22/	25/	30/	34/	43/	54/	66/	78/
Gas Taps	8/	12/	14/6	18/	22/6	25/	27/6	30/	36/	44/	53/
Hobs for Cutting Screw Tools, each		20/	22/6	25/	27/6	30/	36/	44/	52/	62/	78/
Tap Wrenches	12/6	12/6	16/	16/							
Screw Tools for Slide Lathes, each	3/6					4/				4/6	
Hand Screw Tools, each	2/6					3/				3/6	
Extra Dies, per pair, to	7/6		8/6	10/		12/6	15/	17/6			

Guide Screws, Taps, &c., for any purpose, made to order.

HAND SCREW TOOLS. } 3-3 $\frac{1}{2}$ | 4-4 $\frac{1}{2}$ | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25 } & upwards.
Internal and External. } Threads $\frac{1}{4}$ in.Improved Round points for } 5/ | 4/6 | 4/ | 3/6 | 3/ | 2/10 | 2/8 | 2/6 | 2/4 | 2/3 | 2/2 | 2/1 | 2/ | per pair.
ENGINEERS & MACHINISTS & C.With Sharp points for Ivory } 3/6 | 3/ | 2/6 | 2/6 | 2/4 | 2/2 | 2/ | 1/11 | 1/10 | 1/9 | 1/8 | 1/7 | 1/6 | per pair.
Wood and Brass Turners.

HAND SCREW TOOLS. } GAS FITTERS' CORRECT STANDARD FITCHES. } No. 1 2 3 | 4 5 6 | 7 8 9 | 10 11 12

16/ | 18/ | 24/ | 30/ pr.dz.pr.

IMPROVED RATCHET BRACES.

		12	14	16	18	20	22	24	inches.
3	39	20/	22/	24/	26/	28/	32/	36/	each.
3	40	33/	35/6	38/	41/	44/	48/	53/	„
41	Double Motion Brace	50/	55/	60/	65/	70/	75/	80/	„
3	42	62/	66/	70/	76/	82/	90/	100/	„
3	43	26/	28/	30/	33/	36/	39/	42/	„
3	44	20/	22/	24/	26/	28/	30/	32/	„
2	44A	19/	20/	22/	24/	26/	28/	30/	„
		15	18	21	24	30	36		inches.
3	45	50/	60/	70/	80/	90/	100/		each.
3	46	Cast Steel Drills, 12/ per dozen, assorted from $\frac{1}{4}$ to 1 inch.							

BEST LATHE CARRIERS, with Steel Screws.

3	47	Span	$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	5	6	inch.
			3/6	4/0	5/0	6/6	8/0	10/0	12/6	15/0	18/0	21/0	25/0	30/0	35/0	each.

COMMON LATHE CARRIERS, with Steel Screws.

48	Span	$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	5	6	inch.
		2/0	2/6	3/0	4/0	5/0	6/4	8/0	10/0	12/0	15/0	18/0	21/0	25/0	each.

PLATE.	No.	ENGINEERS TOOLS.—Continued.																																																			
3A	48A	<p align="center">CIRCULAR SAW SPINDLES.</p> <p align="center">Complete with Pedestals, Brasses, Fast and Loose Pulleys, and Spanners.</p> <table><tr><td>1</td><td>1½</td><td>1¼</td><td>1⅝</td><td>1½</td><td>1¾</td><td>2</td><td>2½</td><td>2¼</td><td>2⅞</td><td>3</td><td>inch diameter.</td></tr><tr><td>42/</td><td>48/</td><td>54/</td><td>60/</td><td>70/</td><td>85/</td><td>100/</td><td>120/</td><td>140/</td><td>170/</td><td>200/</td><td>each.</td></tr></table>	1	1½	1¼	1⅝	1½	1¾	2	2½	2¼	2⅞	3	inch diameter.	42/	48/	54/	60/	70/	85/	100/	120/	140/	170/	200/	each.																											
1	1½	1¼	1⅝	1½	1¾	2	2½	2¼	2⅞	3	inch diameter.																																										
42/	48/	54/	60/	70/	85/	100/	120/	140/	170/	200/	each.																																										
3A	48B	<p align="center">CIRCULAR SAW SPINDLES, with Improved Metal Frames.</p> <table><tr><td>1</td><td>1½</td><td>1¼</td><td>1⅝</td><td>1½</td><td>1¾</td><td>2</td><td>2½</td><td>2¼</td><td>2⅞</td><td>3</td><td>inch diameter.</td></tr><tr><td>50/</td><td>55/</td><td>60/</td><td>70/</td><td>80/</td><td>100/</td><td>120/</td><td>145/</td><td>170/</td><td>200/</td><td>220/</td><td>each.</td></tr></table>	1	1½	1¼	1⅝	1½	1¾	2	2½	2¼	2⅞	3	inch diameter.	50/	55/	60/	70/	80/	100/	120/	145/	170/	200/	220/	each.																											
1	1½	1¼	1⅝	1½	1¾	2	2½	2¼	2⅞	3	inch diameter.																																										
50/	55/	60/	70/	80/	100/	120/	145/	170/	200/	220/	each.																																										
3A	48C	<p align="center">CIRCULAR SAW TABLE,</p> <p align="center">Complete with Planed Metal Top and Rollers, Spindle, Collars, Pulleys, and one Saw.</p> <table><tr><td>12</td><td>18</td><td>24</td><td>30</td><td>36</td><td>42</td><td>48</td><td>inches diameter.</td></tr><tr><td>£14</td><td>£18</td><td>£24</td><td>£30</td><td>£36</td><td>£42</td><td>£50</td><td></td></tr></table> <p>Improved Parallel Fence or Gauge, for ditto, £6. 10s. Improved Feed Motion or Drag, for ditto, £7.</p>	12	18	24	30	36	42	48	inches diameter.	£14	£18	£24	£30	£36	£42	£50																																				
12	18	24	30	36	42	48	inches diameter.																																														
£14	£18	£24	£30	£36	£42	£50																																															
3A	48D	<p align="center">SELF-ACTING CIRCULAR SAW BENCH,</p> <p align="center">Complete with Improved Parallel Fence, Spring Roller, Self-Acting Drag, and one Saw.</p> <table><tr><td>30</td><td>36</td><td>42</td><td>48</td><td>inches diameter.</td></tr><tr><td>£45</td><td>£55</td><td>£65</td><td>£75</td><td></td></tr></table>	30	36	42	48	inches diameter.	£45	£55	£65	£75																																										
30	36	42	48	inches diameter.																																																	
£45	£55	£65	£75																																																		
		<p align="center">CIRCULAR SAWS, of Best Quality, for Ditto.</p> <p align="center">CIRCULAR GROOVING SAWS,</p> <p align="center">Lathe Turned and Cut to any Form of Tooth, or any Diameter.</p> <table><tr><td>3-16</td><td>¼</td><td>5-16</td><td>¾</td><td>7-16</td><td>¾</td><td>9-16</td><td>¾</td><td>¾</td><td>¾</td><td>1</td><td>inch thick.</td></tr><tr><td>1/8</td><td>1/9</td><td>1/10</td><td>2/</td><td>2/2</td><td>2/4</td><td>2/6</td><td>2/6</td><td>2/9</td><td>3/</td><td>3/6</td><td>inch diameter.</td></tr><tr><td align="center" colspan="12">Thickness.</td></tr><tr><td>1</td><td>1½</td><td>1¼</td><td>1⅝</td><td>1½</td><td>1¾</td><td>1¾</td><td>1¾</td><td>2</td><td>2</td><td>2</td><td>inch diameter.</td></tr></table>	3-16	¼	5-16	¾	7-16	¾	9-16	¾	¾	¾	1	inch thick.	1/8	1/9	1/10	2/	2/2	2/4	2/6	2/6	2/9	3/	3/6	inch diameter.	Thickness.												1	1½	1¼	1⅝	1½	1¾	1¾	1¾	2	2	2	inch diameter.			
3-16	¼	5-16	¾	7-16	¾	9-16	¾	¾	¾	1	inch thick.																																										
1/8	1/9	1/10	2/	2/2	2/4	2/6	2/6	2/9	3/	3/6	inch diameter.																																										
Thickness.																																																					
1	1½	1¼	1⅝	1½	1¾	1¾	1¾	2	2	2	inch diameter.																																										
2A	48E	<p>Joiners' Bench Screws and Nuts 16/ 17/ 18/ 20/ 22/ 24/ 26/ 30/ each.</p> <p align="right"> 2½ 2¾ 3 inch.</p> <p>Beechwood Joiners' Bench Screws and Nuts 22/ 26/ 31/ per doz.</p>																																																			
		<p align="center">CAST STEEL BORERS,</p> <p align="center">For all kinds of Metals, Warranted to Standard Gauge, Half-Round or Rose Bits.</p> <table><tr><td>¾</td><td>½</td><td>¾</td><td>¾</td><td>¾</td><td>1</td><td>1½</td><td>1½</td><td>1¾</td><td>1½</td><td>1¾</td><td>1¾</td><td>1¾</td></tr><tr><td>3/</td><td>3/6</td><td>4/</td><td>5/</td><td>6/</td><td>8/</td><td>10/</td><td>12/</td><td>14/</td><td>16/</td><td>18/</td><td>20/</td><td>22/</td></tr><tr><td>2</td><td>2½</td><td>2¼</td><td>2½</td><td>2½</td><td>2½</td><td>2½</td><td>2½</td><td>2½</td><td>2½</td><td>3</td><td>inches.</td></tr><tr><td>24/</td><td>26/</td><td>28/</td><td></td><td>30/</td><td>33/</td><td>36/</td><td>40/</td><td>45/</td><td>50/</td><td>each.</td><td></td><td></td></tr></table> <p align="center">Larger to advance 5/ per ½ inch.</p>	¾	½	¾	¾	¾	1	1½	1½	1¾	1½	1¾	1¾	1¾	3/	3/6	4/	5/	6/	8/	10/	12/	14/	16/	18/	20/	22/	2	2½	2¼	2½	2½	2½	2½	2½	2½	2½	3	inches.	24/	26/	28/		30/	33/	36/	40/	45/	50/	each.		
¾	½	¾	¾	¾	1	1½	1½	1¾	1½	1¾	1¾	1¾																																									
3/	3/6	4/	5/	6/	8/	10/	12/	14/	16/	18/	20/	22/																																									
2	2½	2¼	2½	2½	2½	2½	2½	2½	2½	3	inches.																																										
24/	26/	28/		30/	33/	36/	40/	45/	50/	each.																																											
		<p align="center">STEEL SQUARES.</p> <p>Solid Back Squares, 1/ per inch. Rim Squares, 1/3 per inch. Plain Flat Squares, 0/8 per inch.</p>																																																			
32	48F	<p align="center">IRON SAW BOWS.—Single Nutted (Without Webs).</p> <table><tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>inch.</td></tr><tr><td>24/</td><td>26/</td><td>28/</td><td>28/</td><td>30/</td><td>32/</td><td>34/</td><td>36/</td><td>44/</td><td>52/0</td><td>62/0</td><td>72/0</td><td>80/0</td><td>88/0</td><td>96/0</td><td>104/</td><td>doz.</td></tr></table>	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	inch.	24/	26/	28/	28/	30/	32/	34/	36/	44/	52/0	62/0	72/0	80/0	88/0	96/0	104/	doz.																	
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	inch.																																					
24/	26/	28/	28/	30/	32/	34/	36/	44/	52/0	62/0	72/0	80/0	88/0	96/0	104/	doz.																																					
		<p align="center">IMPROVED PATTERN.</p> <table><tr><td>24/</td><td>30/</td><td>36/</td><td>42/</td><td>48/</td><td>54/</td><td>60/</td><td>66/</td><td>72/</td><td>78/0</td><td>90/0</td><td>108/</td><td>120/</td><td>132/</td><td>144/</td><td>156/</td><td>doz.</td></tr></table>	24/	30/	36/	42/	48/	54/	60/	66/	72/	78/0	90/0	108/	120/	132/	144/	156/	doz.																																		
24/	30/	36/	42/	48/	54/	60/	66/	72/	78/0	90/0	108/	120/	132/	144/	156/	doz.																																					
		<p align="center">DOUBLE NOTTED.</p> <table><tr><td>36/</td><td>42/</td><td>48/</td><td>54/</td><td>60/</td><td>66/</td><td>72/</td><td>78/</td><td>90/</td><td>108/</td><td>120/</td><td>132/</td><td>144/</td><td>156/</td><td>168/</td><td>180/</td><td>doz.</td></tr></table>	36/	42/	48/	54/	60/	66/	72/	78/	90/	108/	120/	132/	144/	156/	168/	180/	doz.																																		
36/	42/	48/	54/	60/	66/	72/	78/	90/	108/	120/	132/	144/	156/	168/	180/	doz.																																					
40	48G	<p align="center">IRON BRACES.</p> <p align="center">Improved Scotch Iron Braces, warranted of Low Moor Iron.</p> <table><tr><td></td><td>First.</td><td>Second.</td><td>Third Quality.</td><td></td></tr><tr><td>With Lignum Heads</td><td>104/</td><td>96/</td><td>88/</td><td>per doz.</td></tr><tr><td>Without Heads</td><td>88/</td><td>80/</td><td>72/</td><td>"</td></tr></table> <p align="center">Scotch Iron Braces, of good Malleable Iron, with Wrought Iron Spindles.</p> <table><tr><td></td><td>First.</td><td>Second.</td><td>Third Quality.</td><td></td></tr><tr><td>With Heads</td><td>80/</td><td>70/</td><td>60/</td><td>per doz.</td></tr><tr><td>Without Heads</td><td>64/</td><td>56/</td><td>48/</td><td>"</td></tr></table>		First.	Second.	Third Quality.		With Lignum Heads	104/	96/	88/	per doz.	Without Heads	88/	80/	72/	"		First.	Second.	Third Quality.		With Heads	80/	70/	60/	per doz.	Without Heads	64/	56/	48/	"																					
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With Heads	80/	70/	60/	per doz.																																																	
Without Heads	64/	56/	48/	"																																																	
		<p align="center">Common Iron Braces, with Wood Heads.</p> <table><tr><td>No.</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td></td><td>12/6</td><td>14/</td><td>18/</td><td>24/</td><td>32/</td><td>40/ per doz.</td></tr></table> <p align="center">Corner Brace with Bevil Wheels, 135/ per dozen.</p> <table><tr><td>No.</td><td>1</td><td>2</td><td>3</td><td>4</td><td>all 12 inches long.</td></tr><tr><td></td><td>7/</td><td>8/</td><td>9/</td><td>10/</td><td>each.</td></tr></table>	No.	1	2	3	4	5	6		12/6	14/	18/	24/	32/	40/ per doz.	No.	1	2	3	4	all 12 inches long.		7/	8/	9/	10/	each.																									
No.	1	2	3	4	5	6																																															
	12/6	14/	18/	24/	32/	40/ per doz.																																															
No.	1	2	3	4	all 12 inches long.																																																
	7/	8/	9/	10/	each.																																																
2A	48H	ARCHIMEDIAN BRACES																																																			
2A	48I	STRONG CRANK BRACE..... 10/6 each.																																																			
2A	48K	CRAMP DRILL BRACE 30/ each.																																																			
		BRACE AND CRAMP, for Iron Pipe Boring 30/ and 37/6 each.																																																			

PLATE.	No.	ENGINEERS' TOOLS, &c.—Continued.																						
2A	48L	Drilling Pillars, 30s. each. Gas Pipe Wrench, with Three Loose Jaws. For $\frac{1}{2}$ $\frac{3}{8}$ $\frac{1}{2}$ | $\frac{3}{4}$ 1 $1\frac{1}{4}$ | $1\frac{1}{2}$ $1\frac{3}{4}$ 2 inch for Iron Pipe 6/ | 8/ | 12/ each.																						
2A	48M	Improved Gas Pipe Wrench. For $\frac{1}{2}$ to $1\frac{1}{2}$ | 13/ | $\frac{1}{2}$ to 2 inches, 16/ each, for Iron Pipe.																						
2A	48N	Gas Fitters' Pliers..... | 6 | 7 | 8 | 9 | 10 | 11 | 12 | inch. | | | 20/ | 24/ | 28/ | 32/ | 36/ | per dozen. | | | | 12 | 14 | 16 | 18 | inch.																						
2A	48P	Gas Fitters' Strong Tongs, for Iron Pipe ..... | 28/ | 34/ | 40/ | 48/ | per doz.																						
		ENGINEERS' AND MECHANICS' HAMMERS. 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 oz. each. 11/ | 12/6 | 14/ | 16/ | 18/ | 20/ | 22/ | 24/ per dozen. DITTO, $1\frac{1}{2}$ lb. each and upwards, $1\frac{1}{4}$ per lb., Iron and Steel Faced. Numbers 49 | 50 | 51 | 52 | 53 | 54 | 55 | Solid Cast Steel ditto, Warranted, $1\frac{1}{10}$ per lb. Numbers 49A | 50A | 51A | 52A | 53A | 54A | 55A | Solid Cast Steel Hammers, Common finished, $1\frac{1}{8}$ per lb.																						
		SOLID CAST STEEL BOILER MAKERS' HAMMERS. Numbers 56 | 57 | 58 | $1\frac{1}{10}$ per lb.																						
		FLOGGING AND SLEDGE HAMMERS. 5 to 7 lb. | 7 to 12 lb. | 12 lb. each and upwards. 1/ | 8d. | 6d. per lb.																						
		CONTRACTORS' STONE HAMMERS, Same price as Flogging and Sledge Hammers. HAMMERS OF EVERY DESCRIPTION MADE TO ORDER. CAST STEEL CHIPPING CHISELS. Assorted Patterns:—Flat, Half-round, Cross-cut, and Diamond Point, $1\frac{1}{2}$ per lb. Mill Chisels and Mill Picks, $1\frac{1}{2}$ per lb.																						
		LANCASHIRE TOOLS.																						
		3 $\frac{1}{2}$ | 4 | 4 $\frac{1}{2}$ | 5 | 5 $\frac{1}{2}$ | 6 | 7 | 8 | 9 | 10 | 11 | 12 | inches. dozen.																						
5	61	Spring Dividers, Black	32/6	32/6	32/6	35/	37/	45/	52/	..	..	..	..	dozen.						
		Ditto Bright	37/	37/	37/	41/	45/	52/	60/	..	..	..	..	"						
5	62	Wing Compasses, Black .....	..	..	21/6	..	24/	26/	30/	34/	36/6	44/6	55/	"								
5	63	Plain Compasses, Black .....	..	15/	..	15/	..	19/	22/	25/	28/	31/	..	"									
		Ditto Bright .....	..	20/	..	20/	..	24/	27/	30/	33/	36/	..	"									
5	64	Plain Callipers, Black .....	..	15/	..	15/	..	19/	25/	29/	32/	35/6	..	"									
		Ditto Bright .....	..	19/	..	19/	..	25/	29/	35/	40/	44/	..	"									
5	65	Spring Callipers, Black .....	..	..	37/	..	45/	52/	60/	72/	..	..	..	"							
		Ditto Bright .....	..	..	44/	..	52/	59/	68/	80/	..	..	..	"							
5	66	Rack Wing Callipers, Black .....	..	..	35/	..	38/6	42/	43/	52/	56/	66/	77/	"								
		Ditto do. Bright .....	..	..	40/	..	44/6	48/	55/	61/	65/	79/	92/	"								
5	67	Steel Egg Callipers, Bright .....	..	..	20/	..	23/6	28/	35/	40/	45/	..	..	"								
		3 | 3 $\frac{1}{2}$ | 4 | 4 $\frac{1}{2}$ | 5 | 5 $\frac{1}{2}$ | 6 | 6 $\frac{1}{2}$ | 7 | 7 $\frac{1}{2}$ | 8 | inches. dozen.																						
5	68	Flat Nose Pliers, Black	13/	13/6	14/	14/6	15/	17/6	22/	28/6	33/6	41/	50/	dozen.										
		Ditto Bright	17/	17/6	18/	18/6	19/	21/6	26/	32/6	37/6	45/	54/	"										
5	69	Round Nose Pliers, Black	13/	13/6	14/	14/6	15/	17/6	22/	28/6	33/6	41/	50/	"										
		Ditto Bright	17/	17/6	18/	18/6	19/	21/6	26/	32/6	37/6	45/	54/	"										
5	70	Clock Cutting Nippers, Black .....	..	..	..	26/	26/	28/6	34/6	40/6	46/	..	..	"								
		Ditto Bright .....	..	..	..	31/	31/	33/6	39/6	45/6	51/	..	..	"								
5	71	Bellhangers' Pliers, Black .....	..	..	..	..	24/6	24/6	27/	34/6	44/	..	..	"								
		Ditto Bright .....	..	..	..	..	29/6	29/6	32/	39/6	49/	..	..	"								
5	72	Railway Ticket Pliers, Black, 27/ per dozen; ditto, ditto, Bright, 35/ per dozen.																						
		3 | 3 $\frac{1}{2}$ | 4 | 4 $\frac{1}{2}$ | 5 | 5 $\frac{1}{2}$ | 6 | inches. per doz.																						
73	Hand Vice, Black....	28/	30/	32/6	37/	49/	60/	68/																
74	Ditto, with Key, Black....	12/	per dozen more than No. 73.																					
75	Common Hand Vice, Black....	22/	22/	26/	30/	35/	42/																	
		1 | 1 $\frac{1}{4}$ | 1 $\frac{1}{2}$ | 1 $\frac{3}{4}$ | 2 | 2 $\frac{1}{4}$ | 2 $\frac{1}{2}$ | 2 $\frac{3}{4}$ | 3 | 3 $\frac{1}{4}$ | 3 $\frac{1}{2}$ | 3 $\frac{3}{4}$ | 4 | 4 $\frac{1}{4}$ | 4 $\frac{1}{2}$ | 4 $\frac{3}{4}$ | 5 | lb. ea																						
76	Lancashire Bench Vice	8/8/6	9/2	10/10/8	11/3	11/8	12/1	12/6	13/13/4	13/9	14/6	15/15/6	15/10	16/6										
77	Common ditto																							
		1 | 1 $\frac{1}{4}$ | 1 $\frac{1}{2}$ | 2 | 2 $\frac{1}{4}$ | 3 | 3 $\frac{1}{2}$ | 4 | lb. each.																						
77A	BECK IRONS	23/	27/	30/	36/	42	48/	54/																

PLATE.	No.	JOINERS' HAMMER HEADS.														
		No.	0	1	2	3	4	5	6	7	8	9	10	11	12	
6	78	Rivetting Hammer Heads....	4/	4/6	5/6	6/6	7/6	8/6	9/6	11/	12/6	14/6	16/6	18/6	21/	dozen.
6	79	Best Black Exeter ditto.....	5/6	6/6	7/6	8/6	10/6	11/6	13/	14/6	16/6	18/	20/	22/	24/	"
	80	Ditto ditto with Claw	5/6	6/6	7/6	8/6	10/6	11/6	13/	14/6	16/6	18/	20/	22/	24/	"
6	81	Do. Warrington Heads.....	10/6	10/6	11/6	13/	14/6	16/	18/	20/	22/	24/	26/	28/	30/	"
	82	Double-faced Hammer Heads...	..	10/	12/	15/	18/	..	..	..	..	..	..	..	..	"
	83	London Veneering do.	..	..	14/	15/	16/	18/	20/	..	..	..	..	..	..	"
	83a	Best Clench Hammer Heads..	5/6	6/6	7/6	8/6	10/6	11/6	13/	14/6	16/6	18/	20/	22/	24/	"
Any of the above, if Handled with Polished Beech Handles, No. 00 to 6, 2/; No. 7 to 12, 3/ per doz. extra.																

Any of the above, if Handled with Polished Beech Handles, No. 00 to 6, 2/; No. 7 to 12, 3/ per doz. extra.

HAMMERS.

		No.	00	0	1	2	3	4	5	6	7	8	9	10	11	12	
7	84	Bright Kent Hammers	6/	8/	9/	11/	13/	15/	17/	19/	22/	25/	28/	31/	34/	38/	doz.
		Black Kent Hammers .....	..	7/	8/	10/	12/	14/	16/	18/	21/	24/	27/	30/	33/	37/	"
7	85	Bright Solid Cheek Kent do..	..	9/	10/	12/	14/	16/	18/	20/	23/	26/	30/	34/	38/	42/	"
7	86	New Kent Hammers .....	..	12/	13/	15/	17/	19/	21/	23/	26/	29/	32/	36/	40/	44/	"
7	87	Canterbury Hammers .....	..	13/	14/	16/	18/	21/	24/	27/	30/	33/	36/	40/	44/	48/	"
	88	Scotch Garden Hammers ....	..	..	18/	20/	22/	24/	27/	30/	..	..	..	..	..	..	"
7	89	Bright Garden Hammers ....	..	10/	12/	14/	16/	18/	20/	22/	..	..	..	..	..	..	"
7	90	Glaziers' Hammers .....	..	..	18/	20/	22/	..	..	..	..	..	..	..	..	..	"
7	91	London ditto Hammers ....	..	..	20/	22/	24/	..	..	..	..	..	..	..	..	..	"
7	92	Bright Lathing Hammers .....	..	..	12/	14/	16/	18/	20/	24/	..	..	..	..	..	..	"
		Black Lathing Hammers .....	..	..	11/	13/	15/	17/	19/	23/	..	..	..	..	..	..	"
7	93	Brick Hammers .....	..	..	12/	14/	16/	18/	20/	24/	..	..	..	..	..	..	"
7	94	Shoe Hammers .....	..	..	10/	11/6	13/	15/	17/	19/	..	..	..	..	..	..	"
7	95	Cramping Hammers .....	..	..	10/	11/6	13/	15/	17/	19/	..	..	..	..	..	..	"
8	96	Farriers' Shoeing Hammers..	..	..	10/	12/	14/	..	..	..	..	..	..	..	..	..	"
8	97	London Shoeing Hammers ..	..	..	17/	19/	21/	..	..	..	..	..	..	..	..	..	"
8	98	Iron Handled Grocers' do....	..	..	25/	30/	35/	40/	..	..	..	..	..	..	..	..	"
8	99	Ditto Claw do.....	..	..	18/	21/	24/	27/	..	..	..	..	..	..	..	..	"
8	100	Ditto Packers' do.....	..	..	18/	21/	24/	27/	..	..	..	..	..	..	..	..	"

		No.	1	2	3	
8	101	Orange Chest Hammers	27/	30/	..	per doz.
8	102	American Claw Hammers	32/	34/	36/	"
	103	Ditto without Langats	22/	24/	26/	"
	104	Ditto ditto Solid Cast Steel.....	26/	28/	30/	"
	105	Ditto with Langats, Solid Cast Steel.....	36/	38/	40/	"
8	106	Slater's Peck Hammers	29/	..	..	"
		Ditto do. without Claw	26/	..	..	"
8	107	Plumbers' Claw Hammers	27/	30/	33/	"
8	108	Ditto Pane do.....	15/6	17/6	20/	"
8	109	Horticulturalists' Hammers	27/	30/	..	"
8	110	London's Hatchet, or Improved Horticulturalists' Hammer	60/	..	..	"

		No.	1	2	3	4	
9	111	London's Claw Hammers	13/	15/	17/	19/	per doz.
9	112	London's Claw Hammers	13/	15/	17/	19/	"
9	113	Horticulturalists' Hammers	13/	15/	17/	19/	"
9	114	Best Builders' Hammers	18/	20/	22/	25/	"
9	115	Upholsterers' Hammers	13/	15/	17/	19/	"
9	116	London Upholsterers' Hammers	17/	19/	21/	24/	"








PLATE.	No.	HAMMERS.—Continued.																			
		No.	1	2	3	4															
9	114	Benwell's Upholsterers' Hammers, Solid Head	24/0	26/0	28/0	..	per doz.														
9	115	Coach Trimmers' Hammers	25/0	27/0	29/0	..	"														
9	115A	Cabriolet Hammers	24/0	26/0	28/0	..	"														
9	116	Carpet Hammers	18/0	20/0	..	..	"												
9	117	Carpet Hammers, with Claw in Handle	12/0	14/0	..	..	"												
9	118	Gentleman's Hammer, common	10/6	12/6	15/0	..	"														
9	119	Toy Hammer.....	8/0	10/6	12/6	..	"														
		No.	0	1	2	3	4	5	6	7	8	9	10	11	12						
9	120	Exeter Hammers, Handled. 8/6	9/6	10/	11/6	13/	14/6	16/	19/	21/6	23/	24/6	26/	28/6							
9	121	Best Clench do., do. 8/6	9/6	10/	11/6	13/	14/6	16/	19/	21/6	23/	24/6	26/	28/6							
Gentlemen's, Ladies', and Upholsterers' Hammers, with Hardwood Handles, 6/ per dozen extra.																					
		No.	122	123	124	125	126	127													
10		Mineralogists' Hammers	14/6	14/6	14/6	14/6	14/6	14/6	14/6	per dozen.											
		No.	1	2	3																
10	128	Trimmers' Hammer Heads	24/	28/	32/	per dozen.															
10	129	Ditto, ditto	24/	28/	32/	"															
		No.	1	2	3	4	5	6													
10	130	Pin Hammers	14/	16/	20/	..	..	..	per dozen.									
10	131	Ship Carpenters' Claw Hammer Heads	10/6	12/6	15/6	18/6	22/	26/	"												
		No.	1	2	3																
10	132	Shingling Hammer Heads.....	24/	26/	28/	per dozen.															
10	133	Carrick's Hammer Heads	24/6	27/6	30/6	"															
	134	Ditto, ditto, Handled	30/6	33/6	36/6	"															
10	135	Rosneath Hammer Heads.....	36/	40/	44/	"															
	136	Ditto ditto, Handled	42/	4/6	50/	"															
10	137	Masons' Hammers, 3lb. each and upwards, 9d. per lb.																			
10	138	Coppering Hammers, 18/6 per dozen.																			
PLIERS.																					
		No.	139	140	141	142	143	144	145	146											
11		Bright Flat Nose Pliers	3	3½	4	4½	5	5½	6	6½	inches.										
			5/6	5/6	5/6	6/	7/6	9/	10/6	12/	per doz.										
		No.	147	148	149	150	151	152	153	154											
11		Bright Round Nose Pliers	3	3½	4	4½	5	5½	6	6½	inches.										
			5/6	5/6	5/6	6/	7/6	9/	10/6	12/	per doz.										
CARPENTERS' PINCERS AND CUTTING NIPPERS.																					
		No.	155	156	157	158	159	160	161	162	163	164	165								
11		Carpenters' Pincers	6	6½	7	7½	8	8½	9	9½	10	11	12	inches.							
			5/6	6/6	7/6	8/6	9/6	10/6	12/	14/	16/	20/	24/	per doz.							
		No.	166	167	168	169	170	171	172	173	174	175	176	177							
11		Best Tower Pincers, } 6 6½ 7 7½ 8 8½ 9 9½ 10 10½ 11 12 inches.	6	6½	7	7½	8	8½	9	9½	10	10½	11	12	inches.						
		Warranted	8/	9/	10/	12/	14/	16/	18/	21/	24/	27/	30/	36/	per doz.						
		No.	178	179	180	181	182	183	184	185	186	187	188	189							
11		Best Lancashire Pincers } 6 6½ 7 7½ 8 8½ 9 9½ 10 10½ 11 12 inches.	6	6½	7	7½	8	8½	9	9½	10	10½	11	12	inches.						
		Warranted.....	11/	12/	13/6	15/	17/	20/	23/	26/	29/	..	..	..	per doz.			
		No.	190	191	192	193	194	195	196	197	198	199	200								
11		Best Tower Cutting Nippers, } 6 6½ 7 7½ 8 8½ 9 9½ 10 11 12 inches.	6	6½	7	7½	8	8½	9	9½	10	11	12	inches.							
		Warranted.....	11/	13/	15/	17/6	20/	23/	27/	30/	33/	40/	48/	per doz.							

PLATE.		No.		SHOE, SADDLERS' AND HARNESS PUNCHES.														
12	201	No.	201	202	204	205	206	207	208	209	210	211						
			2/9	3/	3/6	4/	4/	4/	4/6	5/	6/	7/	per doz.					
		No.	212	213	214	215	216	217	218	219	220	221	222	223				
			8/	9/	10/	12/	14/	16/	18/	20/	22/	26	30/	32/	per doz.			
FARRIERS' PINCERS. &c.																		
12	224	Best Farriers' Pincers	7	8	9	10	11	12	13	inches.								
12	225	Strong Broad Joint Pincers	..	..	20/	22/	24/	27/	30/	36/	per doz.					
12	226	Common Farriers' Pincers	..	..	27/	30/	33/	36/	40/	"						
12	227	Bright Upholsterers' Chisels	..	..	14/	16/	18/	21/	24/	"						
12	228	Bright Claw Wrenches	7/	8/6	10/	12/	14/	16/	18/	"								
12	229	Handled Claw Wrenches	7/	8/6	10/	12/	14/	16/	18/	"								
12	230	Strong Black Claw Wrenches	12/6	..	..	..	..	..	..	"		
12	231	Strong Brick Chisels	..	..	..	10/	12/	14/	16/	"					
COMPASSES, PINKING IRONS, UPHOLSTERERS' PINCERS, &c.																		
13	232	Rule Joint Compasses, Steel Points	5	5½	6	6½	7	8	9	10	11	12	inch.					
13	233	Best ditto ditto....	3/9	4/3	4/9	5/6	6/6	8/6	10/6	12/6	15/	17/6	doz.					
13	234	New Pattern, Tower ditto....	5/	5/6	6/	7/	8/	10/6	13/	15/6	18/	21/	"					
			9/6	9/6	9/6	10/6	11/	13/	15/	17/6	20/	24/	"					
13	235	Coopers' Compasses— ..	5	6	7	8	9	10	11	12	13	14	inches.					
13	236	Black Callipers— ..	15/	15/	17/	20/	23/	26/	29/	32/	35/	38/	dozen.					
13	237	Bright ditto— ..	7/6	9/	10/6	12/	13/6	15/	16/6	18/	19/6	21/	"					
			10/	12/	14/	16/	18/	20/	22/	24/	26/	28/	"					
13	235	Coopers' Compasses ..	15	16	17	18	19	20	21	22	23	24	inches.					
13	236	Black Callipers ..	41/	44/	48/	54/	60/	66/	72/	80/	86/	94/	dozen.					
13	237	Bright ditto ..	22/6	24/	25/6	27/	28/6	30/	31/6	33/	34/6	36/	"					
			30/	32/	34/	36/	38/	40/	42/	44/	46/	48/	"					
13	236A	No. 236A 237A 238 239 240 241 242 243 244 245 246 247 248 249 250	8/6	9/	9/6	10/	8/6	9/	9/6	10/	8/6	9/	9/6	10/	12/	14/	16/	doz.
13	251	No. 251 252 253 254 255 256 257	10/	10/	10/	10/	10/	10/	10/	10/	10/	10/	per dozen.					
13	258	Patent Saw Sets, 30/ per dozen.																
13	259	Upholsterers' Pincers	7	8	9	10	inches.											
13	260	Best do. do.	24/	28/	32/	36/	per dozen.											
			42/	48/	54/	"												
13	261	Best Saddlers' Pincers	6½	7	7½	8	inches.											
			20/	24/	28/	32/	dozen.											
13	262	No. 262 263 264 265 266 267 268	3/6	4/	4/	4/	4/	4/	4/	4/	4/	4/	each.					
			4/	4/	4/6	4/9	5/9	6/9	7/9	inch.								
		Sheep Ear Pliers, No. 262	3/6	3/9	4/	5/	6/	each.										
			4/	4/	4/6	4/9	5/9	6/9	7/9	each.								





PLATE.	No.	SHOE NIPPERS, SHOE PINCERS, &c.											
						5½	6	6½	7	inches.			
14	269	Bright Shoe Nippers				5/	5/8	6/8	7/8	per doz.			
14	270	Best Black do.				6/	6/8	7/8	9/	"			
14	271	Bright Box Joint Nippers				12/	13/	15/	17/	"			
14	272	Shoe Nipper, with Hammer .....				..	6/	7/8	9/8	"			
14	273	Bright Box Joint do. ....				..	12/	14/	16/	"			
			No.	274	275	276	277	278	279	280	280A		
14	274	Shoe Pincers.		6½	7	7½	8	8½	9	9½	10		
				10/6	10/6	12/	13/	14/	16/	18/	20/		
											per doz.		
			No.	281	282	283							
14	281	French Shoe Pincers		7½	8	8½					inches.		
				16/	17/	18/					per doz.		
				5½	6	6½	7				inches.		
283A		Gentlemen's Bright Pincers		16/	18/	21/	24/				per doz.		
14	284	Best Bright Shoe Punch Pliers.	20/ per doz.								Punches only 5/ per doz.		
284A		Ditto ditto, with Cutter.	25/ "										
14	285	Sheep Ear Pliers, Solid Punch	6/ each.										
						7	7½	8	8½	9	inches.		
14	286	Tinman's Pliers		10/	12/	14/	16/	18/			per doz.		
							8	10	12		teeth.		
14	287	Carpet Strainers					25/8	28/	30/		dozen.		
14	288	Ditto, Bent Socket .....					..	28/	30/		"		
				14	16	18	19	20	21	22	23	24	inches.
288A		Bright Steak Tongs	13/	15/	18/	21/	24/	27/	31/	35/	41/		dozen.
288B		Ditto ditto, with Bar	16/	18/	21/	24/	27/	30/	34/	38/	44/		"
288C		Bright Flesh Forks .....	..	..	15/6	..	17/	..	20/	..	25/		"
BED KEYS, BUTTER TASTERS, AND CHEESE TASTERS.													
			Nos.	289	290	291	292						
15		Bright Bed Keys		15/	17/	19/	21/					dozen.	
			Nos.	293	294	295	296	297	298	299	300		
15		Bed Keys		32/	44/	48/	28/	30/	36/	26/	50/	dozen.	
				14	16	18	20	22	24	26	28	inches.	
15	301	Butter Tasters, Wood Head	24/	26/	29/	32/	36/	40/	45/	52/		per doz.	
302		Ditto ditto Iron Hammer Heads	36/	38/	41/	44/	48/	52/	57/	64/		"	
							4	4½	5			inches in shell.	
15	303	Bright Cheese Tasters	8/	10/8	12/							dozen.	
15	304	Ditto ditto Key Bow	12/	15/	18/							"	
15	305	Ditto ditto London Pattern	12/	15/	18/							"	
15	306	Ditto ditto ditto, Cast Steel .....	..	..	30/							"	
SUGAR NIPPERS.													
							8	9	10			inches.	
			No.	307	308	309							
15		Bright Sugar Nippers		17/6	21/	23/						per doz.	
			No.	310	311								
15		Best Polished Sugar Nippers		24/	30/								
			No.	312	...								
15	312	Ditto ditto, with Spring in Joint		36/	..							per doz.	
15	313	Bright Sugar Nipper, on Iron Stand, 6/6 each.											

PLATE.	No.	GENTLEMEN'S TOOL CHESTS.	
		A.—7/ each.—Contains	
		Hand Saw, Hammer, Mallet, Pincers, Brad Awl,	Gimlet, Chisel, Gouge, Turnscrew, &c.
		B.—8/6 each.—Contains	
		Hand Saw, Hammer, Mallet, Pincers, Gimlet,	Brad Awl, Chisel, Gouge, Turnscrew, Rule, &c.
		C.—10/ each.—Contains	
		Hand Saw, Hammer, Mallet, Pincers, Chisel, Gouge, File,	Square, Brad Awl, Gimlet, Marking Awl, Punch, Turnscrew, Rule, &c.
		No. 000.—10/9 each.—Contains	
		Hand Saw, Hammer, Mallet, Pincers, Brad Awl,	Gimlet, Chisel, Gouge, Turnscrew, Furniture, &c.
		No. 00.—13/ each.—Contains	
		Hand Saw, Hammer, Mallet, Pincers, Two Gimlets, Two Brad Awls,	Chisel, Gouge, Turnscrew, File, Rule, Furniture, &c.
		No. 0.—17/6 each.—Contains	
		Hand Saw, Hammer, Mallet, Rule, Pincers, Two Gimlets, Two Brad Awls, Chisel,	Gouge, File, Marking Awl, Punch, Turnscrew, Square, Compasses, Furniture, &c.
		No. 1.—22/6 each.—Contains	
		Hand Saw, Hatchet, Hammer, Mallet, Rule, Pincers, Two Gimlets, Two Brad Awls, Chisel, Gouge,	Three Files, Oil Stone, Marking Awl, Punch, Turnscrew, Spokeshave, Square, Claw Wrench, Furniture, &c.
		No. 2.—28/ each.—Contains	
		Hand Saw, Hatchet, Hammer, Mallet, Rule, Pincers, Three Gimlets, Three Brad Awls, Two Chisels, One Gouge, Three Files,	Oil Stone, Marking Awl, Punch, Turnscrew, Spokeshave, Square, Claw Wrench, Pliers, Compasses, Furniture, &c.
		No. 3.—35/6 each.—Contains	
		Hand Saw, Hatchet, Hammer, Mallet, Rule, Pincers, Three Gimlets, Three Brad Awls, Three Chisels, Two Gouges, Three Files, Oil Stone,	Marking Awl, Punch, Two Turnscrews, Spokeshave, Square, Claw Wrench, Pliers, Compasses, Lock Saw, Plane, Furniture, &c.

PLATE. No.

GENTLEMEN'S TOOL CHESTS.—Continued.

No. 4.—45/6 each.—Contains

Hand Saw,	Punch,
Hatchet,	Two Turnscrews,
Hammer,	Spokeshave,
Mallet,	Square,
Rule,	Claw Wrench,
Pincers,	Pliers,
Four Gimlets,	Compasses,
Four Brad Awls,	Lock Saw,
Four Chisels,	Plane,
Two Gouges,	Marking Gauge,
Three Files,	Glue Pot and Brush,
Oil Stone,	Furniture, &c.
Marking Awl,	

No. 5.—57/6 each.—Contains

Hand Saw,	Spokeshave,
Axe,	Square,
Hammer,	Claw Wrench,
Mallet,	Pliers,
Rule,	Compasses,
Pincers,	Lock Saw,
Five Gimlets,	Plane,
Five Brad Awls,	Marking Gauge,
Five Chisels,	Glue Pot and Brush,
Three Gouges,	Drawing Knife,
Four Files,	Cutting Punch,
Oil Stone,	Scraper,
Marking Awl,	Bevil,
Punch,	Furniture, &c.
Two Turnscrews,	

No. 6.—68/ each.—Contains

Two Saws,	Four Files,
Axe,	Oil Stone,
Two Hammers,	Marking Awl,
Mallet,	Two Punches,
Rule,	Three Turnscrews,
Pincers,	Two Spokeshaves,
Six Gimlets,	Square,
Six Brad Awls,	Claw Wrench,
Six Chisels,	Pliers,
Four Gouges,	Compasses,

No. 6, Continued.

Lock Saw,	Drawing Knife,
Smooth Plane,	Cutting Punch,
Jack Plane,	Scraper,
Marking Gauge,	Bevil,
Glue Pot and Brush,	Furniture, &c.

No. 7.—80/ each.—Contains

Three Saws,	Two Spokeshaves,
Axe,	Square,
Two Hammers,	Claw Wrench,
Mallet,	Pliers,
Rule,	Compasses,
Pincers,	Lock Saw,
Six Gimlets,	Smooth Plane,
Six Brad Awls,	Jack Plane,
Six Chisels,	Two Gauges,
Four Gouges,	Glue Pot and Brush,
Four Files,	Drawing Knife,
Oil Stone,	Cutting Punch,
Marking Awl,	Scraper,
Two Punches,	Bevil,
Three Turnscrews,	Furniture, &c.
Hand Vice,	

No. 8.—92/6 each.—Contains

Three Saws,	Two Spokeshaves,
Axe,	Square,
Two Hammers,	Claw Wrench,
Mallet,	Two Pairs Pliers,
Rule,	Compasses,
Pincers,	Lock Saw,
Six Gimlets,	Smooth Plane,
Six Brad Awls,	Jack Plane,
Six Chisels,	Three Gauges,
Four Gouges,	Glue Pot and Brush,
Four Files,	Drawing Knife,
Oil Stone,	Cutting Punch,
Marking Awl,	Scraper,
Three Punches,	Bevil,
Three Turnscrews,	Chalk Line Reel,
Bed Key,	Furniture, &c.
Hand Vice,	

PLATE,

No.

GENTLEMEN'S TOOL CHESTS.—Continued.**No. 9.—114/6 each.—Contains.**

Three Saws,	Square,
Axe,	Claw Wrench,
Two Hammers,	Two Pairs Pliers,
Mallet,	Compasses,
Rule,	Lock Saw,
Pincers,	Smooth Plane,
Six Gimlets,	Jack Plane,
Six Brad Awls,	Three Gauges,
Six Chisels,	Glue Pot and Brush,
Four Gouges,	Drawing Knife,
Five Files,	Cutting Punch,
Oil Stone,	Scraper,
Marking Awl,	Bevil,
Three Punches,	Chalk Line Reel,
Three Turnscrows,	Two Mortice Chisels,
Bed Key,	Coach Wrench,
Hand Vice,	Furniture, &c.
Two Spokeshaves,	

No. 10.—136/ each.—Contains

Three Saws,	Claw Wrench,
Axe,	Two Pairs Pliers,
Three Hammers,	Compasses,
Mallet,	Lock Saw,
Rule,	Smooth Plane,
Pincers,	Jack Plane,
Six Gimlets,	Three Gauges,
Six Brad Awls,	Glue Pot and Brush,
Eight Chisels,	Drawing Knife,
Four Gouges,	Cutting Punch,
Six Files,	Bevil,
Oil Stone,	Scraper,
Marking Awl,	Coach Wrench,
Three Punches,	Chalk Line Reel,
Three Turnscrows,	Brace, with 12 Bits,
Bed Key,	Cutting Nippers,
Hand Vice,	Two Mortice Chisels
Two Spokeshaves,	Furniture, &c.
Square,	

No. 11.—172/ each.—Contains

Three Saws,	Mallet,
Axe,	Rule,
Three Hammers,	Pincers,

No. 11, Continued.

Nine Gimlets,	Smooth Plane,
Nine Brad Awls,	Jack Plane,
Nine Chisels,	Three Gauges,
Four Gouges,	Glue Pot and Brush,
Six Files,	Drawing Knife,
Oil Stone,	Cutting Punch,
Marking Awl,	Scraper,
Three Punches,	Bevil,
Three Turnscrows,	Coach Wrench,
Bed Key,	Chalk Line Reel,
Hand Vice,	Brace, with 18 Bits,
Two Spokeshaves,	Cutting Nippers,
Square,	Two Mortice Chisels,
Claw Wrench,	Saw Set,
Two Pairs Pliers,	Spring Dividers,
Compasses,	Bench Vice,
Lock Saw,	Furniture, &c.

No. 12.—216/ each.—Contains

Three Saws,	Glue Pot and Brush,
Axe,	Drawing Knife,
Four Hammers,	Cutting Punches,
Two Mallets,	Scraper,
Rule,	Bevil,
Pincers,	Chalk Line Reel,
Twelve Gimlets,	Brace and 24 Bits,
Twelve Brad Awls,	Anvil and Beck Iron,
Twelve Chisels,	Saw Set,
Six Gouges,	Cutting Nippers,
Nine Files,	Nipper Pliers,
Oil Stone,	Hand Shears for Cut-
Marking Awl,	ting Metal, &c.,
Three Punches,	Spring Dividers,
Four Turnscrows,	Coach Wrench,
Bed Key,	Cast Steel Chipping
Hand Vice,	Chisel,
Two Spokeshaves,	Spring Oil Can (Press
Two Plated Squares,	Bottom,)
Claw Wrench,	3 Mortice Chisels,
Two Pairs Pliers,	3 Socket Chisels,
Two Pairs Compasses,	Bench Vice,
Lock Saw,	Turning Saw and
Smooth Plane,	Frame,
Jack Plane,	Furniture, &c.
Three Gauge s,	

PLATE. No.

EMIGRANTS' TOOL CHESTS, FITTED UP COMPLETE WITH TOOLS OF WARRANTED QUALITY.

No. 1.—£7 14s. 0d. each.

CONTAINS

Best Axe,	Five Cast Steel Firmer	Spokeshave,	Six Brad Awls,
Best Carpenters' Adze,	Chisels,	Two London Turnscrews	Carpenters' Mallet,
Pick Axe,	Three Cast Steel Firmer	Marking Gauge,	Boxed Whetstone,
Carpenters' Hand Saw,	Gouges,	Improved Brass Slide	Marking Awl,
Ditto Tenon Saw,	Three Best Mortice	Mortice Gauge,	Brad Punch,
Ditto Compass Saw,	Chisels, Handled,	Best Brace with 18 Bits,	Compasses,
Jack Plane,	Three Socket Chisels,	Bench and Roofing	Carpenters' Pincers,
Smooth Plane,	Handled,	Hammer,	Glue Pot and Brush,
One pair Grooving Planes	Plated Square,	Three Files, assorted,	Pliers,
Rabbit Plane,	Three Augers, Handled,	Six Cast Steel Gimlets,	Chalk Line Reel.

No. 2.—£11 11s. 0d. each.

CONTAINS

Best Axe,	Moving Filister Plane,	Spokeshave,	Two Bench Hammers,
Best Carpenters' Adze,	Three London Turn-	Drawing Knife,	Roofing Hammer,
Pick Axe,	screws,	Four Augers, Handled,	Compasses,
Carpenters' Hand Saw,	Six Cast Steel Firmer	Marking Gauge,	Five Files, assorted,
Ditto Tenon Saw,	Chisels,	Brass Slide Mortice	Carpenters' Pincers,
Ditto Compass Saw,	Four Cast Steel Firmer	Gauge,	Boxed Whetstone,
Jack Plane,	Gouges,	Glue Pot and Brush,	Carpenters' Mallet,
Smooth Plane,	Three Best Mortice	Pliers,	Spring Oil Can,
Trying Plane,	Chisels, Handled,	Best Brace, with 24 Bits	Marking Awl,
One pair Grooving Planes	Four Socket Chisels,	Six Cast Steel Gimlets,	Brad Punch,
Rabbit Plane,	Handled,	Six Brad Awls,	Chalk Line Reel.
Bead Plane,	Plated Square,	Coach Wrench,	

No. 3.—£15 7s. 6d. each.

CONTAINS

Best Axe,	Twelve Cast Steel Firmer	Marking Gauge,	Cutting Nippers,
Best Carpenters' Adze,	Chisels,	Cutting Gauge,	Bellhangers' Pliers,
Pick Axe,	Six Cast Steel Firmer,	Best Brace with 30 Bits,	Two pair Compasses,
Carpenters' Hand Saw,	Gouges,	Eight Gimlets,	Two pair Pliers,
Ditto Tenon Saw,	Three Mortice Chisels,	Eight Brad Awls,	Chalk Line Reel,
Ditto Compass Saw,	Five Socket Chisels,	Turning Saw and Frame	Glue Pot and Brush,
Jack Plane,	Two Plated Squares,	Saw Pad and Saw,	Carpenters' Mallet,
Smooth Plane,	Two Spokeshaves,	Coach Wrench,	Boxed Whetstone,
Trying Plane,	Drawing Knife,	Two Bench Hammers,	Spring Oil Can,
Two pair Grooving Planes	Six Augers, Handled,	Roofing Hammer,	Marking Awl,
Rabbit Plane,	3 London Turnscrews,	Seven Files, assorted,	Brad Punch,
Plough with 6 Bits,	Improved Brass Slide	Two pair Carpenters'	Hand Vice,
Moving Filister,	Mortice Gauge,	Pincers,	Bench Vice.
Two Bead Planes,			

PLATE.	No.	PLATERS' AND TINMEN'S SHEARS.										
		| 7 |	| 8 |	| 9 |	| 10 |	| 11 |	| 12 |	| 13 |	| 14 |	inches.		
313A		Platers' Hand Shears	18/	19/	20/	21/	28/	32/	36/	40/	dozen.	
313B		Ditto ditto Bent Blades	28/	28/	30/	33/	36/	42/	..	..	„
313C		Lancashire Hand Shears	22/6	26/	33/	40/	50/	60/	70/	80/	„	
313D		Goldsmiths' Shears	11/	14/	18/	22/	26	30/	34/	38/	„	
313E		Bookbinders' Bench Shears										1/3 per lb.
313F		Tinmen's Stock, or Braziers' Shears										1/2 per lb.
												| 24 | 26 | 28 | 30 | inches on the cut.
313G		Card or Pasteboard Shears .....										| 60/ | 66/ | 73/ | 80/ | per pair.
												| 8 | 9 | 10 | 11 | 12 | 13 | 14 | inches.
313H		Brushmakers' Shears	12/	14/	16/	18/	20/	22/	24/	per pair.		
313I		Brushmaker's Bench Shears .....	..	..	20/	23/	27/	..	..	„
313K		Brazil Tinmen's Shears	4/6	5/6	6/6	7/6	8/6	9/6	10/6	„		
												| 12 | 13 | 14 | 15 | 16 | 17 | inches.
313L		Scotch Hand Shears	7/6	8/	8/6	9/	9/6	10/6	each.			
												| 9 | 9½ | 10 | 10½ | inches.
313M		Trasquillar, or Mule Shears	8/	9/6	12/	15/	per dozen.					
313N		Spanish Shears	8/	9/6	12/	15/	„					

PLATE.	No.	SLIDE PRUNING SHEARS, GARDEN SHEARS, &c.																
							8	9	10	11	inches.							
16	2035	Hand Slide Pruning Shears, Black					3/6	4/3	4/9	5/9	per pair.							
	2036	Ditto ditto Bright					4/9	5/6	6/3	7/3	"							
16	2037	Sliding Pruning Shears, with Long Wood Handles, Black					5/	6/	8/	11/	"							
	2038	Ditto ditto ditto Bright					6/6	8/6	11/	13/6	"							
16	2039	Ladies' Sliding Pruning Shears, Bright, with Cocoa Handles, 6/6; Ivory Handles, 7/6 per pair.																
							8	9	10	11	inches.							
	2040	Wakefield Sliding Pruning Shears, Bright					6/	7/	8/	9/	per pair.							
			4	4½	5	5½	6	6½	7	8	inches.							
16	2041	Pruning Scissors, with Bows					14/	15/	16/6	17/6	19/	21/	23/6	25/	per doz.			
16	2042	Flower Gatherers	16/	18/	21/	24/	28/	33/	42/	"			
16	2042½	Fruit Gatherers, with Handle in two parts, 8 feet long, 20/ each.																
16	2043	Avaruncators, ditto, 6 feet long, Black, 20/; Bright, 30/ each.																
								6	7	8	inches.							
16	2044	Bow Slide Pruning Scissors					5/	6/3	7/6	per pair.								
16	2045	Vine Scissors					16/	20/	28/	per doz.								
16	2046	Grape Gatherer, with Handle 4 feet long, 9/ per pair; if without Handle, 7/9 per pair.																
			7½	8	8½	9	9½	10	10½	11	11½	12	12½	inches.				
16	2047	Garden Shears, with Bright Hoops					2/4	2/6	3/	3/6	4/	4/3	4/6	5/	5/9	6/9	7/9	per pair.
16	2048	Ditto with Pruning Notch					2/9	3/	3/6	4/	4/6	4/9	5/	5/6	6/3	7/3	8/3	"
	2049	Ditto Warranted	4/	4/3	4/6	5/	5/2	5/8	6/2	6/10	7/9	8/9	"
	2050	Ditto Warranted, with Pruning Notch	4/6	4/9	5/	5/4	5/7	6/	6/6	7/2	8/2	9/2	"
16	2051	Grass or Border Shears	4/9	5/	5/6	6/	6/6	7/	7/6	"
16	2052	Ditto with Wheel	5/6	6/	6/6	7/	7/6	8/	8/6	"
	2052½	Lawn Grass Shears	4/9	5/	5/6	6/	6/6	7/	7/6	"
	2053	Ditto with Two Wheels	6/6	7/	7/6	8/	8/6	9/	9/6	"
							1st.	2nd.	3rd.	4th.	sizes.							
16	2054	Ladies' Garden Shears					2/6	2/9	..	..	per pair.					
16	2055	Ditto Pruning Shears, with Wood Handles and Brass Hoops...					4/4	5/	..	..	"					
16	2056	Branch or Lopping Shears, ditto ditto ...					5/	6/	7/	8/6	"							
			2	2½	2½	2½	3	inches.										
	2057	Socket Pruning Chisel					15/6	18/	21/6	27/6	33/	per doz.						
	2057A	Ditto ditto, with one Hook, 15/ extra; with two Hooks, 24/ extra.																
16	2058	Black Weeding Fork, with Handle 15 inches long.... 10/6 per dozen.																
16	2059	Ladies' Blued Flower Fork, ditto, 20/					
17	2060	Ditto ditto, with Short Handle					17/	
16	2061	Garden Dibblers, with Crutch or Open Handle					10/	
			14	16	18	20	22	24	inches.									
16	2062	Pruning Saws, German Steel					28/	35/	40/	45/	49/	55/	per doz.					
	2063	Ditto Cast Steel					32/	40/	45/	50/	55/	63/	"					
16	2064	Improved Pruning Saw, with Bill Hook, 5/6 each.																
							No.	70	80	90								
16		Improved Dunse Switching Bills					36/	40/	44/	per doz.								
			No.	0	1	2	3	4	5	6								
	2064A	Bright Garden Hammers, with Chequered Faces.					10/	12/	14/	16/	18/	per doz.				
16	2065	Best Scotch Garden ditto ditto	18/	20/	22/	24/	"				
	2065A	Black Helved Hatchets					12/6	13/	14/	15/6	17/6	19/6	22/	"				
16	2066	Best Steel Poll'd Hatchets					18/	18/6	19/6	21/	26/	28/	30/	"				
			2	3	4	5	6	7	8	9	10	inches.						
	2067	Garden Hoes					4/6	5/	5/6	6/	7/	8/	9/	10/	11/	per doz.		
17	2068	Ditto Cast Steel Solid, or Patent Rivetted..					5/	5/6	6/	6/6	7/6	9/	10/6	12/	13/6	"		
17	2069	Half-Moon ditto, ditto					5/	5/6	6/	6/6	7/6	9/	10/6	12/	13/6	"		
17	2070	Dutch Hoes					6/6	7/6	8/6	9/6	11/	12/	13/	14/	15/	"		
17	2071	Ditto, Cast Steel	12/	14/6	16/	17/	18/	19/	20/	"		
17	2072	Triangle Hoes	8/	10/	12/	14/	16/	18/	20/	"		
17	2075	Prussian Hoes	12/	14/6	16/	17/	18/	19/	20/	"		
		Garden Hoes, with Long Necks, 6d. per dozen extra.																
							3	3½	4	4½	inches.							
	2072A	Grubbing, or Potato Hoes					23/3	25/	26/9	28/9	per doz.							

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PLATE.

No.

HORTICULTURAL TOOL CHESTS, SCYTHES, &c.

17

2103

Horticultural Tool Chest, containing Garden Hoe, Dutch Hoe, Triangular Hoe, Spud, Weeding Hook, Garden Rake, Garden Shears, Improved Slide Pruning Shears, Sliding Pruning Scissors, Flower Gatherer, Vine Scissors, Pruning Saw, Cast Steel Blued Garden Trowel, Garden Hammer, Garden Reel, Pruning Knife with Stag Handle, Budding Knife with Ivory Handle. All the Tools requiring it, are made to screw into a Socket attached to a Hardwood Handle, 3 feet 4 inches long

60/ each.

17

2104

Horticultural Tool Chest, containing Garden Hoe, Dutch Hoe, Triangular Hoe, Spud, Weeding Hook, Garden Rake, Garden Shears, Improved Slide Pruning Shears, Sliding Pruning Scissors, Flower Gatherer, Vine Scissors, Pruning Saw, Cast Steel Blued Garden Trowel, Garden Hammer, Garden Reel, Garden Spade with Jointed Handle, Pruning Knife with Stag Handle, Budding Knife with Ivory Handle. All the Tools, requiring it, are made to Screw into a Socket attached to a Hardwood Handle, 3 feet 4 inches long

68/ each.

2104A

Sets of Ladies' Garden Tools, consisting of Garden Hoe, Dutch Hoe, Garden Rake, and Weeding Hook, all made to screw into one Socket attached to a Hardwood Handle

13/ per set.

17

2105

Lawn or Grass Rakes

16	18	20	22	24	26	teeth.
5/	5/6	6/	6/6	7/	7/6	each.

17

2106

Grass Plot Edging Knives

5	5½	6	6½	7	8	9	10	11	12 in.
24/6	24/6	27/	29/	32/ doz.					

17

2106A

Ditto ditto Cast Steel

30/	33/	36/	39/	42/ "					
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17

2107

Black Garden Trowels, Polished Handles

8/	8/	8/	9/	10/	12/				
16/	16/	16/	17/	19/	21/				

17

2107A

Cast Steel Blued ditto ditto

16/	16/	16/	17/	19/	21/				
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17

2108

Ditto ditto Flat ditto

16/	16/	16/	17/	19/	21/				
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No.	1	2	3
30/	33/6	37/	
30/	34/6	39/	

17

2109

Gentlemen's Claw Hatchet

30/	33/6	37/
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17

2110

Canada Hatchet, Blued

30/	34/6	39/
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17

2111

Best Felling Axe, 10½d. per lb.

17

2112

Electric Boracic Canada Wedge Axe, 1/4 per lb.; above 3lb., 1s. 3d. per lb.; (if Handled, 24/6 per dozen extra, gross.)

2113

Ladies' Brass Garden Syringe, with three loose Grates

7/6 each.

2114

Full size ditto ditto ditto

11/6 "

17

2115

Reed's Pattern or Ball Valve ditto

16/ "

2115A

Knuckle Joint ditto ditto

25/ "

17

2116

Brass Garden Engine

60/ "

PATENT SCYTHES,
For England, Ireland, Scotland, Wales, and American Grain.

		28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	in.
17	2117	Patent Scythes	40/	40/	40/6	41/	42/	44/	46/	48/	50/	52/	54/	57/	60/	63/	66/	69/	72/ doz.
	2118	Crown Scythes	42/	42/	44/	45/	46/	48/	50/	51/6	53/	54/6	57/	60/	63/	66/	69/	72/	75/ "
	2119	Extra Warranted	48/	49/	50/	51/	51/6	53/	54/	55/	57/	59/	62/	65/	68/	71/	74/	77/	80/ "

Scythes exceeding 3 inches broad, charged in proportion.

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SICKLES AND HOOKS FOR ENGLAND.

Prices for Kent, Sussex, Essex, Cambridge, Lincoln, Nottingham, York, Northampton, Bucks, Oxford, and Stortford Sickles.

	No.	1	2	3	4	inches.
		20	22½	25	27½	
Common Sickles	8/3	10/	12/3	13/9		per dozen.
		21	23½	26	28½	inches.
Cast Steel Sickles.....	9/6	11/3	13/3	15/		per dozen.
						Sandwiches, Tomlin's, and Powell Sickles, 1/3 per dozen more.
Stortford Sickles.....						Boys', 13/3; Men's, 15/—25 inches.
						G. B. Sickles same price as Stortford.

PLATE.	No.	SPADES AND SHOVELS.												
	No.	000	00	0	1	2	3	4	5	6	7	8		
	Spades and Shovels, Common Crutch Handles.....	24/	26/	28/	30/	32/	34/	36/	38/	40/	42/	44/	per doz.	
	Plain Bright or Flat Shovels .....	..	..	..	30/	32/	35/	38/	41/	44/	..	..	"
	Square Coal Shovels .....	..	..	..	..	..	..	40/	42/	44/	46/	48/	"
	Lancashire Round-Nosed Shovels .....	..	..	..	38/	40/	42/	44/	..	..	..	..	"
	Round-Nosed ditto, Crutch Handles ..	..	..	..	34/	36/	38/	40/	42/	44/	46/	48/	"
	Hammered Garden and Clay Spades, Crutch Handles.....	..	..	34/	36/	38/	40/	42/	44/	46/	..	..	"
	Toy Spades, Crutch Handles .. ....	..	..	19/	20/	22/	24/	26/	28/	30/	..	..	"
	Tapered Whitby, Crutch Handles ....	..	..	..	..	..	38/	40/	42/	44/	46/	51/	"
	Wood's Pattern Hammered Hollow Tool	..	..	..	50/	..	..	..	..	..	..	..	"
	Cheshire Spades and Clay Spades, Crutch Handles .....	..	..	..	..	46/	48/	50/	54/	..	..	..	"
	Norfolk Spades, Bright .....	..	..	..	..	..	..	46/	48/	50/	52/	54/	"
	Ditto ditto Black .....	..	..	..	..	..	..	..	44/	46/	48/	50/	"
	Norfolk Shovels and Spade Shovels, Ground, open Handles .....	..	..	..	..	..	42/	44/	46/	48/	50/	..	"
	Ditto ditto Black .....	..	..	..	..	..	40/	42/	44/	46/	48/	..	"
	Ditto, Wilks' Pattern, best Hammered	38/	40/	42/	44/	46/	48/	50/	52/	54/	56/	58/	"	

	No.	0	1	2	3	4	
Best Cast Steel Shovels and Spades.....	45/	47/	49/	52/	55/	per doz.	
Round Nosed Cast Steel Shovels .....	..	55/	58/	..	..	"

Bright, 5/ per dozen extra.

N.B.—Goods made from the Best Scrap Iron, all sizes, 3/6 dozen extra.

Hay Spades made to Order.

EXTRAS ON SPADES AND SHOVELS.—Open Handles, 3/6; Treaded Shovels, 3/6; Hammered, 6/6; Ribbed, 10/; Ground, 3/6; Steel Shoulders, 5/; One Double Strap, 3/6; extra Revit in Strap, 3/6; Revit in Eye, 3/6; Strap over Crutch, 3/6 extra gross.

Draining Tools made to Order.

LIST OF PRICES OF EDGE TOOLS.

LIGHT EDGE TOOLS.

CAST STEEL FIRMER CHISELS AND GOUGES.

	1.16	3.16	5.16	7.16	1	1 1/4	1 1/2	1 3/4	1 1/2	2	2 1/4	2 1/2	2 3/4	3 inches.											
314	3/6	3/8	3/9	3/10	4/	4/2	4/4	4/6	5/2	5/6	6/	7/	8/9	9/9	10/9	12/	13/9	15/3	16/9	18/	22/9	20/6	34/6	42/6	per doz.
	6/	6/2	6/3	6/4	6/6	6/8	6/10	7/	7/8	8/	8/6	9/11	6/12	6/13	9/15	17/3	18/9	20/3	21/6	..	..	..	..	..	..
315	6/	6/	6/3	6/8	6/6	6/9	7/	7/3	7/6	8/	9/	10/	12/6	13/9	14/9	16/	18/6	20/	22/6	24/	30/6	34/	..	..	..
316	5/	5/	5/3	5/6	5/9	5/9	6/	6/6	7/	7/6	8/6	9/6	11/9	14/6	15/6	17/	18/9	20/	22/6	24/	30/	36/	..	..	..
317	4/3	4/8	4/6	4/8	4/9	5/	5/8	5/6	5/10	6/6	7/	8/	10/	11/3	12/6	14/	15/6	18/	19/9	22/	27/3	31/6	..	..	..
	6/9	6/9	7/	7/2	7/3	7/6	7/9	8/	8/4	9/	9/6	10/6	12/9	14/	15/6	17/	19/	21/6	23/3	25/6	..	..	..	..	..
318	6/9	6/9	7/	7/2	7/3	7/6	7/9	8/	8/10	9/6	10/	11/	14/	15/3	16/18	20/6	23/	25/9	27/	35/3	39/6	..	..	..	..
319	..	5/6	6/	6/4	6/6	6/8	7/	7/	7/9	8/6	9/6	10/6	13/	15/9	17/6	18/9	20/6	25/	26/6	30/	..	..	..	..	..

Cast Steel Firmer Gouges, Cannelled inside to 1 inch, 3d. per doz.; to 1 1/4 inch, 6d. per dozen extra.

CAST STEEL FIRMER CHISELS AND GOUGES, ASSORTED IN SETS.

	1	1 1/4	1 1/2	1 3/4	1 1/2	2	2 1/4	2 1/2	2 3/4	3 inches.	4	4 1/2	4 3/4	5	5 1/2	5 3/4	6	6 1/2	6 3/4	7	7 1/2	7 3/4	8	8 1/2	8 3/4	9	9 1/2	9 3/4	10	10 1/2	10 3/4	11	11 1/2	11 3/4	12	12 1/2	12 3/4	13	13 1/2	13 3/4	14	14 1/2	14 3/4	15	15 1/2	15 3/4	16	16 1/2	16 3/4	17	17 1/2	17 3/4	18	18 1/2	18 3/4	19	19 1/2	19 3/4	20	20 1/2	20 3/4	21	21 1/2	21 3/4	22	22 1/2	22 3/4	23	23 1/2	23 3/4	24	24 1/2	24 3/4	25	25 1/2	25 3/4	26	26 1/2	26 3/4	27	27 1/2	27 3/4	28	28 1/2	28 3/4	29	29 1/2	29 3/4	30	30 1/2	30 3/4	31	31 1/2	31 3/4	32	32 1/2	32 3/4	33	33 1/2	33 3/4	34	34 1/2	34 3/4	35	35 1/2	35 3/4	36	36 1/2	36 3/4	37	37 1/2	37 3/4	38	38 1/2	38 3/4	39	39 1/2	39 3/4	40	40 1/2	40 3/4	41	41 1/2	41 3/4	42	42 1/2	42 3/4	43	43 1/2	43 3/4	44	44 1/2	44 3/4	45	45 1/2	45 3/4	46	46 1/2	46 3/4	47	47 1/2	47 3/4	48	48 1/2	48 3/4	49	49 1/2	49 3/4	50	50 1/2	50 3/4	51	51 1/2	51 3/4	52	52 1/2	52 3/4	53	53 1/2	53 3/4	54	54 1/2	54 3/4	55	55 1/2	55 3/4	56	56 1/2	56 3/4	57	57 1/2	57 3/4	58	58 1/2	58 3/4	59	59 1/2	59 3/4	60	60 1/2	60 3/4	61	61 1/2	61 3/4	62	62 1/2	62 3/4	63	63 1/2	63 3/4	64	64 1/2	64 3/4	65	65 1/2	65 3/4	66	66 1/2	66 3/4	67	67 1/2	67 3/4	68	68 1/2	68 3/4	69	69 1/2	69 3/4	70	70 1/2	70 3/4	71	71 1/2	71 3/4	72	72 1/2	72 3/4	73	73 1/2	73 3/4	74	74 1/2	74 3/4	75	75 1/2	75 3/4	76	76 1/2	76 3/4	77	77 1/2	77 3/4	78	78 1/2	78 3/4	79	79 1/2	79 3/4	80	80 1/2	80 3/4	81	81 1/2	81 3/4	82	82 1/2	82 3/4	83	83 1/2	83 3/4	84	84 1/2	84 3/4	85	85 1/2	85 3/4	86	86 1/2	86 3/4	87	87 1/2	87 3/4	88	88 1/2	88 3/4	89	89 1/2	89 3/4	90	90 1/2	90 3/4	91	91 1/2	91 3/4	92	92 1/2	92 3/4	93	93 1/2	93 3/4	94	94 1/2	94 3/4	95	95 1/2	95 3/4	96	96 1/2	96 3/4	97	97 1/2	97 3/4	98	98 1/2	98 3/4	99	99 1/2	99 3/4	100	100 1/2	100 3/4	101	101 1/2	101 3/4	102	102 1/2	102 3/4	103	103 1/2	103 3/4	104	104 1/2	104 3/4	105	105 1/2	105 3/4	106	106 1/2	106 3/4	107	107 1/2	107 3/4	108	108 1/2	108 3/4	109	109 1/2	109 3/4	110	110 1/2	110 3/4	111	111 1/2	111 3/4	112	112 1/2	112 3/4	113	113 1/2	113 3/4	114	114 1/2	114 3/4	115	115 1/2	115 3/4	116	116 1/2	116 3/4	117	117 1/2	117 3/4	118	118 1/2	118 3/4	119	119 1/2	119 3/4	120	120 1/2	120 3/4	121	121 1/2	121 3/4	122	122 1/2	122 3/4	123	123 1/2	123 3/4	124	124 1/2	124 3/4	125	125 1/2	125 3/4	126	126 1/2	126 3/4	127	127 1/2	127 3/4	128	128 1/2	128 3/4	129	129 1/2	129 3/4	130	130 1/2	130 3/4	131	131 1/2	131 3/4	132	132 1/2	132 3/4	133	133 1/2	133 3/4	134	134 1/2	134 3/4	135	135 1/2	135 3/4	136	136 1/2	136 3/4	137	137 1/2	137 3/4	138	138 1/2	138 3/4	139	139 1/2	139 3/4	140	140 1/2	140 3/4	141	141 1/2	141 3/4	142	142 1/2	142 3/4	143	143 1/2	143 3/4	144	144 1/2	144 3/4	145	145 1/2	145 3/4	146	146 1/2	146 3/4	147	147 1/2	147 3/4	148	148 1/2	148 3/4	149	149 1/2	149 3/4	150	150 1/2	150 3/4	151	151 1/2	151 3/4	152	152 1/2	152 3/4	153	153 1/2	153 3/4	154	154 1/2	154 3/4	155	155 1/2	155 3/4	156	156 1/2	156 3/4	157	157 1/2	157 3/4	158	158 1/2	158 3/4	159	159 1/2	159 3/4	160	160 1/2	160 3/4	161	161 1/2	161 3/4	162	162 1/2	162 3/4	163	163 1/2	163 3/4	164	164 1/2	164 3/4	165	165 1/2	165 3/4	166	166 1/2	166 3/4	167	167 1/2	167 3/4	168	168 1/2	168 3/4	169	169 1/2	169 3/4	170	170 1/2	170 3/4	171	171 1/2	171 3/4	172	172 1/2	172 3/4	173	173 1/2	173 3/4	174	174 1/2	174 3/4	175	175 1/2	175 3/4	176	176 1/2	176 3/4	177	177 1/2	177 3/4	178	178 1/2	178 3/4	179	179 1/2	179 3/4	180	180 1/2	180 3/4	181	181 1/2	181 3/4	182	182 1/2	182 3/4	183	183 1/2	183 3/4	184	184 1/2	184 3/4	185	185 1/2	185 3/4	186	186 1/2	186 3/4	187	187 1/2	187 3/4	188	188 1/2	188 3/4	189	189 1/2	189 3/4	190	190 1/2	190 3/4	191	191 1/2	191 3/4	192	192 1/2	192 3/4	193	193 1/2	193 3/4	194	194 1/2	194 3/4	195	195 1/2	195 3/4	196	196 1/2	196 3/4	197	197 1/2	197 3/4	198	198 1/2	198 3/4	199	199 1/2	199 3/4	200	200 1/2	200 3/4	201	201 1/2	201 3/4	202	202 1/2	202 3/4	203	203 1/2	203 3/4	204	204 1/2	204 3/4	205	205 1/2	205 3/4	206	206 1/2	206 3/4	207	207 1/2	207 3/4	208	208 1/2	208 3/4	209	209 1/2	209 3/4	210	210 1/2	210 3/4	211	211 1/2	211 3/4	212	212 1/2	212 3/4	213	213 1/2	213 3/4	214	214 1/2	214 3/4	215	215 1/2	215 3/4	216	216 1/2	216 3/4	217	217 1/2	217 3/4	218	218 1/2	218 3/4	219	219 1/2	219 3/4	220	220 1/2	220 3/4	221	221 1/2	221 3/4	222	222 1/2	222 3/4	223	223 1/2	223 3/4	224	224 1/2	224 3/4	225	225 1/2	225 3/4	226	226 1/2	226 3/4	227	227 1/2	227 3/4	228	228 1/2	228 3/4	229	229 1/2	229 3/4	230	230 1/2	230 3/4	231	231 1/2	231 3/4	232	232 1/2	232 3/4	233	233 1/2	233 3/4	234	234 1/2	234 3/4	235	235 1/2	235 3/4	236	236 1/2	236 3/4	237	237 1/2	237 3/4	238	238 1/2	238 3/4	239	239 1/2	239 3/4	240	240 1/2	240 3/4	241	241 1/2	241 3/4	242	242 1/2	242 3/4	243	243 1/2	243 3/4	244	244 1/2	244 3/4	245	245 1/2	245 3/4	246	246 1/2	246 3/4	247	247 1/2	247 3/4	248	248 1/2	248 3/4	249	249 1/2	249 3/4	250	250 1/2	250 3/4	251	251 1/2	251 3/4	252	252 1/2	252 3/4	253	253 1/2	253 3/4	254	254 1/2	254 3/4	255	255 1/2	255 3/4	256	256 1/2	256 3/4	257	257 1/2	257 3/4	258	258 1/2	258 3/4	259	259 1/2	259 3/4	260	260 1/2	260 3/4	261	261 1/2	261 3/4	262	262 1/2	262 3/4	263	263 1/2	263 3/4	264	264 1/2	264 3/4	265	265 1/2	265 3/4	266	266 1/2	266 3/4	267	267 1/2	267 3/4	268	268 1/2	268 3/4	269	269 1/2	269 3/4	270	270 1/2	270 3/4	271	271 1/2	271 3/4	272	272 1/2	272 3/4	273	273 1/2	273 3/4	274	274 1/2	274 3/4	275	275 1/2	275 3/4	276	276 1/2	276 3/4	277	277 1/2	277 3/4	278	278 1/2	278 3/4	279	279 1/2	279 3/4	280	280 1/2	280 3/4	281	281 1/2	281 3/4	282	282 1/2	282 3/4	283	283 1/2	283 3/4	284	284 1/2	284 3/4	285	285 1/2	285 3/4	286	286 1/2	286 3/4	287	287 1/2	287 3/4	288	288 1/2	288 3/4	289	289 1/2	289 3/4	290	290 1/2	290 3/4	291	291 1/2	291 3/4	292	292 1/2	292 3/4	293	293 1/2	293 3/4	294	294 1/2	294 3/4	295	295 1/2	295 3/4	296	296 1/2	296 3/4	297	297 1/2	297 3/4	298	298 1/2	298 3/4	299	299 1/2	299 3/4	300	300 1/2	300 3/4	301	301 1/2	301 3/4	302	302 1/2	302 3/4	303	303 1/2	303 3/4	304	304 1/2	304 3/4	305	305 1/2	305 3/4	306	306 1/2	306 3/4	307	307 1/2	307 3/4	308	308 1/2	308 3/4	309	309 1/2	309 3/4	310	310 1/2	310 3/4	311	311 1/2	311 3/4	312	312 1/2	312 3/4	313	313 1/2	313 3/4	314	314 1/2	314 3/4	315	315 1/2	315 3/4	316	316 1/2	316 3/4	317	317 1/2	317 3/4	318	318 1/2	318 3/4	319	319 1/2	319 3/4	320	320 1/2	320 3/4	321	321 1/2	321 3/4	322	322 1/2	322 3/4	323	323 1/2	323 3/4	324	324 1/2	324 3/4	325	325 1/2	325 3/4	326	326 1/2	326 3/4	327	327 1/2	327 3/4	328	328 1/2	328 3/4	329	329 1/2	329 3/4	330
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LIGHT EDGE TOOLS.—Continued.

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CAST STEEL TURNING CHISELS AND GOUGES, ASSORTED IN SETS.

PLATE.	No.	CAST STEEL TURNING CHISELS AND GOUGES, ASSORTED IN SETS.											
		Cast Steel Turning Chisels :—	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	inch.
331		Six to the Set.....	3/8	4/8	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	per set.
		Nine to the Set	5/8	6/8	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	"
		Twelve to the Set	7/8	8/8	9/8	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 3/4	"
333		Cast Steel Turning Gouges :—											
		Six to the Set	1/10	5/7	7/1	7/7	8/9						
		Nine to the Set	6/10	7/10	8/10	10/10	13/3						
		Twelve to the Set	8/7	10/4	13/13	10/15	15/3						
338		Cast Steel Cross Point Chisels											
			5/	5/6	6/	6/6	6/6	6/6	6/6	6/6	6/6	6/6	per doz.
339		Cast Steel Gun Stockers' Chisels											
			18/	20/	22/	23/	26/	26/	26/	26/	26/	26/	per doz.
340		Cast Steel Gun Stockers' Gouges											
			1	1	1	1	1	1	1	1	1	1	inch.
341		Cast Steel Screw Tools, sorted, 20/ per dozen pair.											
342		Long Cast Steel Screw Tools, 22/											
343		Fancy Turning Tools, assorted, 6/6 per dozen.											
344		Inside											
345		Cast Steel German Shape Turning Chisels, the same price as Cast Steel Long Strong Turning Chisels.											
			9/	9/6	10/6	12/	12/	12/	12/	12/	12/	12/	per doz.
346		Cast Steel German Parting Tools											
			1	1	1	1	1	1	1	1	1	1	inch.
			20/	22/	24/	27/	31/	36/	36/	36/	36/	36/	per doz.

PRINT CUTTERS, ENGRAVERS', AND CARVING TOOLS.

Veining Tools, 6/ per set. Straight and bent black parting Tools, assorted, to 1/4, 9/; 9/16, 9/4; 1/4, 9/6; 1/4, 10/6 per dozen. Double-bent, or Entering Chisels, 6/6 per dozen. Double-bent, or Entering Gouges, 7/6 per dozen. Unshouldered Print Cutters' Chisels, 2/6 per dozen; ditto Flat and Middle Sweep Gouges, 3/3 per dozen. Quick Sweep ditto, 3/9 per dozen; ditto Blades, 3/6 per dozen. Print Cutters' Flat Shank Dog Legs, 2/6 per dozen; ditto Round Shank, 3/ per dozen. Black Carving Chisels, 4/10 per set. Black Carving Gouges, 5/10 per set. Black Skew Carving Chisels, 4/10 per set. Straight Fluting Gouges, 7/; bent ditto, 7/6 per dozen. Square and Lozenge Gravers, 20/ per gross. Scorpers ditto, 20/ per gross. Spit Stickers, 24/ per gross. Cast Steel Striking Knives, 6/ per dozen. Cast Steel Brad Punches, 2/6 per dozen.; Cast Steel London Screwdrivers, 6/6 per dozen.

BEST ROUND-SHOULDERED YELLOW PRINT CUTTERS' TOOLS.

Best Round-shouldered Yellow Print Cutters' Chisels, 4/6 per set; ditto Flat, Middle, and Scribing Print Cutters' Gouges, 5/3 per set; ditto Quick Sweep, 5/9 per set; ditto Parting Tools, 6/ per set; ditto Double-bent, or Entering Chisels, 6/ per set; ditto Double-bent or Entering Gouges, 6/6 per set; Print Cutters' Tools, sorted in sets of 36, 15/; ditto of 48, 20/.

LIGHT EDGE TOOLS.—Continued.

	3	3½	4	5	6	7	8	9	inches.
Cast Steel Single Oval Burnisher	6/6	6/9	7/	8/	10/	12/	14/	16/	dozen.
Ditto ditto Best Polished	6/6	6/9	7/	11/	13/	16/	18/	21/	"
Ditto Double Burnishers, 10/6 per dozen									

SCRAPERS.

	3	3½	4	4½	5	6	7	8	9	inches.
Cast Steel Three-square Plain Scrapers	5/	5/6	6/	6/6	7/6	8/6	9/6	12/	15/	dozen.
Ditto ditto Fluted ditto	15/6	16/	10/6	17/	17/6	18/6	23/	28/	34/	"

COMMON FIRMER CHISELS AND GOUGES.

	1	1½	2	2½	3	3½	4	4½	5	6	7	8	9	inches.
Short Firmer Chisels	3/7	3/8	3/9	3/10	4/3	4/6	5/	5/6	6/3	6/6	7/6	8/	8/6	per doz.
Ditto ditto Gouges	4/1	4/2	4/3	4/3	4/3	4/3	5/	5/6	6/3	6/6	7/6	8/	8/6	"
Strong ditto Chisels	4/9	4/9	4/9	5/	5/3	5/6	6/	6/6	7/6	8/3	9/6	10/6	11/6	"
Long ditto ditto	4/9	4/9	4/9	5/	5/3	5/6	6/	6/6	7/	8/	8/6	10/	11/	"
Ditto ditto Gouges	5/6	5/6	5/6	5/6	5/6	6/	6/6	7/3	7/6	8/9	9/6	11/3	12/	"

MORTICE CHISELS.

	1	1½	2	2½	3	3½	4	4½	5	6	7	8	9	inches.
Common Mortice Chisels	6/3	6/8	6/9	7/	7/6	7/8	9/8	10/6	11/6	12/6	13/6	14/6	15/6	1
Best Joiners' and Cabinet Chisels	11/6	11/6	12/	12/6	13/8	14/9	15/16	16/20	17/20	18/20	19/20	20/20	21/20	dozen.
Cast Steel ditto	13/6	13/6	14/	14/6	15/	16/6	17/	18/6	19/	20/	21/	22/	23/	"
Sash Mortice Chisels, Iron and Steel	12/6	12/6	13/	13/6	14/8	15/9	16/17	17/	18/21	19/27	20/36	21/44	22/48	"
Improved Sash Mortice Chisels, all Steel .....	..	..	..	..	19/	20/32	21/36	22/40	23/48	24/56	25/64	26/72	27/80	"
Socket ditto .....	..	..	..	..	10/9	11/9	12/13	13/15	14/16	15/18	16/20	17/22	18/24	"
Cast Steel Socket ditto	14/6	14/6	15/	15/6	16/	17/3	18/6	19/8	20/10	21/12	22/14	23/16	24/18	"
Lock .....	..	..	..	..	..	..	..	..	..	..	..	..	..	"
Improved Lock ditto, Tang, or Socket .....	..	..	..	..	..	..	..	..	..	..	..	..	..	"

Best Joiners' and Cabinet Mortice Chisels, per set of Eight, 9/9.

Common Mortice Chisels, per set of Six, 4/3; of Eight, 5/6.

Best Mortice Chisels, Handled, 4/6 per set of Eight; 6/9 per dozen extra.

PLATE. No.

361 Best Black Plough Bits, 5/9 per dozen; per set of Six, 2/11; of Eight, 3/10.
 362 Best Bright Plough Bits, 6/3 per dozen; per set of Eight, 4/2.
 363 Common Plough Bits, 3/9 per dozen; per set of Eight, 2/6.

CAST STEEL SPOKESHAVE IRONS.

	To										inches.
	2½	3	3½	4	4½	5	5½	6			
Cast Steel Joiners' Spokeshave Irons	5/3	6/9	6/3	6/9	8/	9/	10/6	13/			dozen.
Ditto ditto London Pattern	6/6	7/	8/	9/	10/	11/	12/	13/			dozen.
Ditto Wheelers' or Coachmakers'	6/	6/9	7/6	8/6	9/6	10/6	11/6	14/			"
Ditto ditto London Pattern	8/	9/	10/6	12/6	14/	16/	18/	20/			"
BEST COOPERS' SHAPE IRONS .....	..	..	10/6	11/6	12/6	14/	17/	..			"
Lined ditto .....	..	..	8/3	9/	9/9	10/6	11/3	12/6			"

SOCKET CHISELS AND GOUGES.

	½	¾	1	1¼	1½	1¾	2	2¼	2½	3	inches.
German Steel Socket Chisels	8/	8/6	9/	9/6	10/6	11/	11/9	12/9	13/	13/6	dozen.
Ditto ditto Gouges	9/6	10/	10/6	11/	12/	12/6	13/3	14/3	15/	15/9	dozen.
Ditto Stalking Chisels	12/	13/	13/6	14/3	15/3	16/3	17/3	18/3	19/3	20/3	"
Cast Steel ditto	15/6	16/6	18/	19/6	20/6	21/3	22/3	24/9	26/3	28/3	"
Blockmakers' Chisels, 16 inches long	18/	20/	22/	24/	26/	28/	30/	32/	34/	36/	"
Ditto Gouges, ditto	24/	26/	28/	30/	32/	34/	36/	38/	40/	42/	"

CAST STEEL SOCKET CHISELS AND GOUGES.

	½	¾	1	1¼	1½	1¾	2	2¼	2½	3	inches.
Cast Steel Black Socket Chisels	10/6	11/	12/	13/	13/6	14/6	15/3	16/3	17/3	18/3	dozen.
Ditto ditto Gouges	14/6	15/	16/	17/	17/6	18/6	19/3	20/3	21/3	22/3	dozen.
Ditto Bright or Blued Socket Chisels and Sash	12/6	13/	14/	15/	15/6	16/	16/6	17/3	18/3	19/3	"
Ditto ditto Gouges	17/	17/6	18/6	19/6	20/	20/6	21/	22/9	23/9	24/3	"
Ditto Octagon Socket Chisels	14/6	15/	16/	17/	17/6	18/6	19/6	20/9	21/3	22/3	"

All Socket Gouges Out-Stepped, 9d. per dozen extra.

GERMAN STEEL SOCKET CHISELS, ASSORTED IN SETS.

	½ to 1½	1½ to 2	2 to 2½	2½ to 3	3 to 3½	3½ to 4	4 to 4½	4½ to 5	5 to 5½	5½ to 6	inches.
Six to the Set	5/3	5/9	5/9	6/	6/9	6/9	7/	7/6	7/6	8/	per set.
Nine to the Set	7/6	8/	8/6	8/6	8/6	8/6	8/6	8/6	8/6	8/6	"
Twelve to the Set	10/	10/6	11/	11/	11/	11/	11/	11/	11/	11/	"

CAST STEEL SOCKET CHISELS, ASSORTED IN SETS.

	½ to 1½	1½ to 2	2 to 2½	2½ to 3	3 to 3½	3½ to 4	4 to 4½	4½ to 5	5 to 5½	5½ to 6	inches.
Six to the Set	7/	7/3	7/9	7/9	7/9	7/9	7/9	7/9	7/9	7/9	per set.
Nine to the Set	9/9	10/3	11/3	11/3	11/3	11/3	11/3	11/3	11/3	11/3	"
Twelve to the Set	13/	14/	15/	15/	15/	15/	15/	15/	15/	15/	"

PLATE. No.

LIGHT EDGE TOOLS.—Continued.

MAST SHAVES.

		12	14	16	18	20	inches.
405	Best Mast Shaves, 2½ inches wide	34/	40/	44/	50/	56/	dozen.
406	Ditto 3 ditto	40/	46/	53/	63/	72/	"

Improved Machine Knives of every description and pattern, for all kinds of Machinery for Cutting Tobacco, Chicory, Leather, Paper, India Rubber, Cork, Logwood, Chaff, Hay, Bark, Splitting Skins, Scaleboards, Candlewicks, &c. Plain, Twisted, and Spiral Chaff Knives; Machine Plane Irons, Grooving and Moulding Irons, Envelope Cutters, Mill Picks and Chisels, Mining Tools, &c.

COOPERS' JOINTER IRONS.

	3	3½	3¾	3½	3¾	3½	4	inches.
Coopers' Jointer Irons, 10 inches long	20/	20/6	21/6	22/6	24/	25/3	27/	31/6 dozen.
Ditto ditto 11 ditto	21/3	21/9	23/	24/3	25/3	26/6	28/3	33/3 " }
Ditto ditto 12 ditto	22/9	23/6	24/9	26/	27/6	28/9	30/9	36/ " }
C.S. Coopers' Jointers, 10 ditto	25/	26/	27/	28/	29/	30/	32/	39/ " }
Ditto ditto 11 ditto	26/	27/	28/	29/	30/	31/	33/	40/ " }
Ditto ditto 12 ditto	27/	28/	29/	30/	31/	32/	34/	41/ " }
Ditto Double Jointers, 10 ditto	48/6	..	52/6	..	56/6	..	61/6	66/6 " }
Ditto ditto 11 ditto	49/6	..	53/6	..	57/6	..	62/6	67/6 " }

All Coopers' Jointer Irons, if Cut, 2/ dozen extra; if double with Solid Nuts, 3/ dozen above double price of the Cut Irons.

	3½	4	4½	5	inches.
Cast Steel Coopers' Whittles	5/6	5/6	5/6	6/	dozen.
Ditto Strong ditto	6/	6/	6/6	7/	"
Common ditto	4/	4/6	4/6	4/6	"

PLATE. No.

HEAVY EDGE TOOLS.

COOPERS' TOOLS.

25	407	Coopers' Straight Drivers, 14/ per dozen.
25	408	Ditto Stocked ditto 22/ „
25	409	Ditto Bent ditto 15/ „ If with Steel Heads, large size, 20/ per dozen.
25	410	Ditto Hammers 10d. per lb.
25	411	Ditto Punches 9/ per dozen.
25	412	Ditto Chisels 9/ „

	To	$\frac{1}{4}$	$\frac{1}{2}$	1	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	2	inches.
413	Warranted all Steel Tap Borers..	8/	8/	8/	10/	12/	14/	16/	22/	dozen.
413A	Ditto Handled ditto	9/6	9/6	9/6	12/	14/	16/6	18/6	26/	dozen.

		2	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	inches.
25	414	Warranted all Steel Bung Borers	42/	46/	50/	54/	72/	100/	dozen.
414A	Ditto ditto Handled	47/	52/	56/	61/	79/	108/	146/	dozen.

25	415	Coopers' Froes.
25	416	Ditto One-Hand Round Shave, 16/3 dozen.
25	417	Ditto Two-Hand do. 16/3 „
417A	Ditto Iron Handled do. 30/ „	
25	418	Ditto Flagging Irons, 20/ per dozen.
25	419	Ditto Jigger Knives, 27/6 „
25	420	Ditto ditto London Pattern, 30/ per dozen.
25	421	Brewers' Gimlets, 7/3 per dozen.
25	422	Coopers' Vice, 13/ „
422A	Ditto Common, 9/ per dozen.	
25	423	Coopers' Bick Irons, 9d. per lb.

AUGERS, BRUZZES, &c.

			$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	2 $\frac{1}{2}$	in.	
26	424	Carpenters' Shell Augers	7/	7/6	8/9	10/6	12/3	14/	15/9	17/6	19/3	22/	28/6	34/	45/	62/	doz.
	425	Ditto Eyed with 12 in. Shank	10/6	11/	12/6	14/6	17/	20/	23/	26/	29/	32/	36/	40/	..	..	„
26	426	Dod's pattern Ship Augers	7/	7/6	8/9	10/6	12/3	14/	15/9	17/6	19/3	22/	28/6	34/	..	..	„
26	427	Ship Augers, Long Shell	8/3	8/9	10/	12/	13/9	15/9	17/6	19/6	21/3	23/3	28/9	34/0	..	..	„
26	428	Ditto, Eyed	11/9	12/3	13/9	16/	18/6	21/9	24/9	28/	31/	33/3	38/6	45/	..	..	„
26	429	Black Screw Augers	10/9	10/9	13/3	15/9	18/3	20/9	23/3	25/9	28/3	30/9	35/9	40/9	..	..	„
26	430	Ditto, Eyed	14/9	14/9	17/6	20/9	24/	27/9	31/3	34/9	37/9	40/9	47/9	54/9	..	..	„
	431	Bright Screw Augers	14/	14/	16/6	19/	21/6	24/	27/3	30/	33/	36/	42/	50/	..	..	„
26	432	Bright Scotch Screw Augers, eyed..	20/	21/	24/	27/	30/	33/	37/6	43/6	46/6	50/6	60/6	70/6	..	..	„
26	433	Improved ditto do., thin edges..	20/	21/	24/	27/	30/	33/	37/6	43/6	46/6	50/6	60/6	70/6	..	..	„
26	434	Bright American Augers .....	..	51/	60/	66/	73/	80/	90/	100/	110/	120/	..	..	..	..	„
26	435	Bright Screw Bits. for Braces...	18/	18/	22/	24/	..	..	..	..	..	..	..	..	..	..	„
									$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1			inch.	
430		Wheeler's Bruzzes, 14 inches long	28/	30/	33/	36/	40/	dozen.									
437		Ditto, London do., do.	32/	34/	38/	41/	45/	..									„

PLATE.	No.	HEAVY EDGE TOOLS.—Continued.											
		TROWELS.											
		8	8½	9	9½	10	10½	11	11½	12	inches.		
26	438	Cast Steel London Brick Trowels	..	..	26/	27/	28/	29/6	30/6	31/9	32/9	dozen.
	439	Common Brick Trowels .....	..	..	14/	14/6	15/	16/	16/6	18/	19/	"
	440	Ditto Glazed ditto .....	..	..	15/	15/6	16/	17/	17/6	19/	20/	"
	441	Cast Steel Mason's Trowels	27/6	28/	28/6	29/6	30/6	32/	33/	..	..	"
	442	Common ditto	12/	13/	14/	14/6	15/	15/6	18/	17/	18/	"	
Extra Strong Through-Tang Trowels, with Iron Cap, 7/ dozen extra.													
		5	5½	6	6½	7	7½	8	8½	9	inches.		
	443	Common Edinburgh Trowels ....	..	..	..	..	13/	14/	15/	16/	..	dozen.
26	444	Cast Steel ditto, Trowels ....	..	..	..	..	26/6	27/	27/6	28/6	30/6	"
26	445	Ditto ditto Double Ferruled ....	..	..	..	..	33/6	34/	34/6	35/6	37/6	"
26	446	Cast Steel Pointing Trowels	16/	16/	16/	17/	18/	..	..	..	..	"
	447	Ditto Guaging ditto ....	..	..	20/	20/6	21/	22/6	23/9	..	..	"
									10	10½	11	inches.	
26	and 448)	Cast Steel Plastering Trowels								25/	26/6	28/	dozen.
449)	Cast Steel Plasterer's Moulding Tools, assorted, 9/6 dozen.												
	Ditto ditto ditto, London Pattern, 14/6 dozen.												
	American, with Peak in Front, 6/ per dozen extra.												
		MINCING AND CHEESE KNIVES.											
		6	6½	7	7½	8	inches.						
	450	G. S. Mincing Knives, Square	13/	14/	15/	..	..	dozen.				
	451	Ditto ditto Half-round	13/	14/	15/	..	..	"			
27	452	Cast Steel Mincing Knives, Square	18/	19/	20/	..	..	"			
27	453	Ditto ditto Half-round	18/	19/	20/	..	..	"			
	454	G. S. Improved Mincing Knives	17/6	18/6	19/6	..	..	"			
27	455	Cast Steel ditto ditto	21/	22/	23/	..	..	"			
	456	G. S. Double Tang Mincing Knives	17/	18/6	20/	21/	22/	"					
27	457	Cast Steel ditto ditto	22/	24/	26/	28/	30/	"					
27	458	Ditto Improved ditto	28/	30/	32/	34/	36/	"					
27	459	Ditto French ditto .....	..	..	40/	42/6	45/	"				
		8	9	10	11	12	14	inches.					
	460	Cheese Knives	24/	27/	32/	39/	45/	56/	dozen.				
27	461	Improved Cast Steel, Deep, Solid	36/	42/	48/	55/	62/	84/	"				
		TANNERS' AND CURRIERS' KNIVES.											
Best Tanners' Single Edge, 48/ dozen.													
Ditto, Double Edge, 72/ ..													
		½	¾	1	1½	size.							
		Common Curriers' Knives	50/	55/	60/	72/	dozen.						
		Cast Steel Rivetted ditto	68/	72/	84/	96/	"						
		Ditto ditto ditto, Improved, with Screws	71/	75/	87/	99/	"						
		Cast Steel Curriers' Knife Blades	36/	37/	38/	40/	"						
		10	11	12	inches.								
		Round Skinners' Moon Knives	40/	43/	46/	dozen.							
		Cast Steel, Warranted ditto	56/	60/	66/	"							
		SADDLERS' KNIVES.											
		5	5½	6	6½	7	inches.						
		Cast Steel Saddlers' Knives, Single Tang	15/	15/6	16/6	18/	21/	dozen.					
		Ditto ditto, Double Tang	18/	18/	20/	22/	24/	"					
		CHOPPERS.											
		No.	0	1	2	3	4	5	6				
27	462	Bright Wood Handle Chopper	18/6	20/	22/	24/	28/	34/	38/	dozen.			
27	463	Round Nose ditto .....	..	23/	25/	27/	31/	37/	41/	"		
27	464	Smithfield Butchers' Chopper, Solid Steeled ..	..	..	39/	41/	44/	..	..	"	
27	465	Sugar Chopper .....	..	15/	16/	17/6	18/6	..	..	"	
27	466	Beef Steak Beaters, 28/ per dozen.											
	467	Ditto, Scale Tang, 40/ ..											
27	468	Bright Iron Handled Butchers' Cleavers, 1/ per lb.											
	469	Ditto Scale Tang ditto 1/3 ..											

PLATE.	No.	HEAVY EDGE TOOLS.—Continued.									
		HATCHETS.									
		No.	0	1	2	3	4	5	6		
	470	Common Helved Hatchets.....	..	9/	9/6	11/	13/	..	..	dozen.	
	471	Ditto Polled ditto .....	..	10/9	11/6	13/	15/	..	..	„
	472	Black Helved Hatchets	12/6	13/	14/	15/6	17/6	19/6	22/	„	
	473	Bright ditto	16/	16/6	17/6	19/	23/	25/	27/6	„	
	474	Best Kent Bright Polled ditto, Handled	18/	18/6	19/6	21/	26/	28/	30/	„	
	475	Common Shingling Hatchets, Handled.....	..	18/	19/	21/	23/	..	..	„
	476	Best ditto ditto .....	..	24/	26/	28/	30/	..	..	„
	477	Best ditto ditto Strong Improved	28/	30/	32/	34/	..	..	..	„
		Shingling Hatchets, Chequered, 1/6 per dozen extra.									
		AXES.									
	478	Newcastle Ship Axe, 9d. per lb.									
28	479	Ditto ditto Steel Polled, 10d. per lb.									
	480	Blocking Axe, 9d. per lb.									
28	481	Ditto Steel Polled, 10d. per lb.									
28	482	Ship Axe, Round Eye, 9d. per lb.									
	483	Ship Carpenters' Axe, 9d. per lb.									
28	484	Ditto, Steel Polled, 10d. per lb.									
28	485	Ship Axe, Dod's Pattern, 9d. per lb.									
	486	Australian Felling Axe, 7½d. per lb.									
28	487	Ditto ditto, Steel Polled, 9½d. per lb.									
	488	Colonial Felling Axe, 7½d. per lb.									
28	489	Ditto ditto, Steel Polled, 9½d. per lb.									
	490	Long Felling Axe, 7½d. per lb.									
28	491	Ditto ditto, Steel Polled, 9½d. per lb.									
28	492	Best Wheelers' Axe, 1s. per lb.									
28	493	Best Coachmakers' Axe, 1s. per lb.									
	494	Newcastle Axe, above 2 lbs., 7½d. per lb.									
28	495	Best Newcastle Axe, Steel Polled, above 2 lbs., 9½d. per lb. under 2 lbs., 21/ per dozen.									
	496	Yorkshire Axe, above 2 lbs., 7½d. per lb.									
28	497	Best Yorkshire Axe, Steel Polled, above 2 lbs., 9½d. per lb.; under 2 lbs., 21/ per dozen.									
	498	Best Yorkshire Axe, Electro Boracic Steel, above 2 lbs., 1s. per lb.; under 2 lbs., 24/ per dozen.									
	499	Scotch Axe, above 2 lbs., 8d. per lb.									
28	500	Best Scotch Axe, above 2 lbs., 9½d. per lb.; under 2 lbs., 21/ per dozen.									
	501	Ditto ditto, Electro Boracic Steel, above 2 lbs., 1/ per lb.; under 2 lbs., 24/ per dozen.									
	502	Common Black Kent Axes, C, above 3 lbs., 6½d. per lb.									
	503	Black Kent Axes, above 2 lbs., 8d. per lb.									
28	504	Best Kent Axe, Steel Polled, above 2 lbs., 9½d. per lb.; under 2 lbs., 21/ per dozen.									
	505	Best Kent Axe, Electro Boracic Steel, above 2 lbs., 1/ per lb.; under 2 lbs., 24/ per dozen.									
	506	Common Black Irish Axe, C, above 3 lbs., 6½d. per lb.									
	507	Black Irish Axe, above 2 lbs., 8d. per lb.									
28	508	Best Irish ditto, above 2 lbs., 9½d. per lb.; under 2 lbs., 21/ per dozen.									
	509	Ditto Electro Boracic Steel, 1/ per lb.; under 2 lbs., 24/ per dozen.									

No.	PLATE.	HEAVY EDGE TOOLS.—Continued.					
		510	Black Suffolk Axe, above 2 lbs., 8d. per lb.				
28		511	Best ditto, Steel Polled, above 2 lbs., 9½d. per lb. ; under 2 lbs., 21/ per dozen.				
		512	Ditto ditto, Electro Boracic Steel, above 2 lbs., 1/ per lb. ; under 2 lbs., 24/ per dozen.				
		513	French Felling Axe, 7½d. per lb.				
29		514	Best ditto, 9½d. per lb.				
		515	Brazil Axe, 7½d. per lb.				
29		516	Best ditto, 9½d. per lb.				
29		517	Pennsylvania Side or Squaring Axe, Electro Boracic Steel, 1/2 per lb.				
		518	Biscay Squaring Axe, 7½d. per lb.				
29		519	Best ditto 9½p. per lb.				
29		520	Kentucky Wedge Axe, Electro Boracic Steel, above 3 lbs., 1/3 ; under, 1/4 per lb.				
29		521	Canada ditto, ditto, above 3 lbs., 1/3 ; under, 1/4 per lb.				
29		522	Dutch Side Axe, above 3 lbs., 10d. per lb.				
29		523	Side or Squaring Axe, 1/ per lb.				
				10	11	12	inches.
		524	G. S. Coopers' Axe 36/ | 38/ | 40/ | dozen.				
29		525	Cast Steel ditto 40/ | 42/ | 44/ | „				
			No.	1	2	3	4
29		526	American Lathing Hatchet 24/ | 26/ | 28/ | 30/ | dozen.				
29		527	Canada Hatchet, Blued, Handled..... 30/ | 34/6 | 39/ | 43/ | „				
29		528	American Shingling Hatchet, with Claw 28/ | 30/ | 32/ | 34/ | „				
29		529	American Shingling Hatchet, 26/ | 28/ | 30/ | 32/ | „				
29		530	French ditto 20/ | 22/ | 24/ | 26/ | „				
			ADZES.				
			No.	1	2	3	4
30		531	Carpenters' Adze 25/ | 27/ | 30/ | 31/6 | dozen.				
		532	Best ditto 31/ | 33/ | 35/6 | 37/6 | „				
30		533	Ship Adze..... 29/ | 33/ | 36/ | 40/ | „				
		534	Best ditto 36/ | 40/ | 43/6 | 46/6 | „				
30		535	Spout Adze 26/ | 28/ | 30/ | 32/ | „				
30		536	Improved Scotch Adze, Blued..... 44/ | 48/ | 52/ | 56/ | „				
		537	Ditto, Black..... 40/ | 44/ | 48/ | 52/ | „				
		538	Wheelers' Adze..... 28/ | 30/ | 32/6 | 34/6 | „				
30		539	Best ditto 36/ | 40/ | 43/ | 46/ | „				
30		540	American Adzes, Round Eye, Electro Boracic Steel 74/ | 78/ | 82/ | .. | „				
		541	Ditto ditto, Black 48/ | 52/ | 56/ | .. | „				
30		542	Slot Adzes, Electro Boracic Steel 43/ | 45/6 | 49/ | .. | „				
		543	Ditto, Black 39/ | 41/6 | 45/ | .. | „				
30		544	Coopers' Nail Adzes 24/ | 26/ | 28/ | 30/ | „				
		545	Ditto, Cast Steel 31/ | 33/6 | 35/6 | 38/ | „				
30		546	Ditto, Sharp Adzes 24/ | 26/ | 28/ | 30/ | „				

PLATE.	No.	HEAVY EDGE TOOLS.—Continued.											
		No. | 1 | 2 | 3 | 4 |											
	547	Coopers' Sharp Adzes, Cast Steel ..... | 31/ | 33/6 | 35/6 | 38/ | dozen.											
30	548	Ditto, Nail Adzes, Sexagon Eyes, Liverpool Pattern ..... | 40/ | 42/ | 44/ | 46/ | „											
30	549	Ditto, Sharp Adzes, ditto ditto ..... | 38/ | 40/ | 42/ | 44/ | „											
	550	Ditto, Howels ..... | 18/ | 20/ | 22/ | 24/ | „											
SCREW JACKS, RIGGING SCREWS, JOINERS' CRAMPS, &c.													
		Height with Screw Down.. | 10 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 36 | 42 | inches.											
31	551	Bottle Screw Jack, to Lift.. | 1 | 2 | 3 | 4 | 6 | 8 | 10 | 12 | 15 | 20 | tons.											
		| 28/ | 33/ | 40/ | 52/ | 67/ | 82/ | 100/ | 125/ | 155/ | 195/ | each.											
		Height with Screw Down.. | 10 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 36 | 42 | inches.											
31	552	Tripod Screw Jack, with Brass Bush, to Lift.. | 1 | 2 | 3 | 4 | 6 | 8 | 10 | 12 | 15 | 20 | tons.											
		| 48/ | 48/ | 57/ | 72/ | 86/ | 105/ | 125/ | 155/ | 190/ | 250/ | each.											
		| 8 | 10 | 12 | 14 | 16 | 18 | 20 | inches.											
31	553	Bright Rigging Screws ..... | 12/ | 14/9 | 18/6 | 21/6 | 24/6 | 29/6 | 35/ | each.											
	554	Common ditto ..... | .. | .. | .. | .. | .. | .. | .. | each.											
		| 3 | 4 | 5 | 6 | 7 | 8 | feet.											
31	555	Joiners' Cramps..... | 30/ | 32/ | 35/ | 42/ | 50/ | 60/ | each.											
2A	555A	Ship Cramps, 9d. per lb.											
		| 18 | 20 | 22 | 24 | 27 | 30 | inches.											
31	556	Sash Cramps ..... | 13/6 | 16/6 | 20/ | 22/ | 25/ | 28/ | pair.											
	556A	Improved Floor Cramps, 24/ each.											
31	557	Joiners' Holdfasts, 60/ per dozen.											
		| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | inches.											
31	558	Black Marline Spikes..... | 8/9 | 9/3 | 10/ | 10/6 | 11/6 | 12/6 | 14/ | 15/6 | 19/6 | dozen.											
	559	Bright ditto ..... | 9/9 | 10/3 | 11/ | 11/6 | 12/6 | 14/ | 15/6 | 18/ | 21/ | „											
	560	Ditto ditto, with Hammer. | 11/ | 11/6 | 12/3 | 13/ | 14/ | 15/6 | 17/ | 20/ | 23/ | „											
31	561	Ship Carpenters' Pin Mauls, 9d. per lb.											
CAULKING IRONS.													
31	562	Spike Irons, 9/6 dozen.											
31	563	Making Irons, 9/6 dozen.											
	564	Sharp Irons, 9/6 dozen.											
31	565	Single Crease Irons, 11/ dozen.											
31	566	Double Crease Irons, 12/ dozen.											
	567	Trunnel Irons, 10/ dozen.											
	567A	Caulking Irons, in Sets of 4, 3/3 per set.											
	567B	Ditto ditto, in Sets of 6, 5/6 per set.											

PLATE.	No.	CAST STEEL SHIP SCRAPERS.																				
	568	Ship Scrapers, with Tang Rivetted.....													4½	5	5½	inches.				
	568A	Ditto with Socket Rivetted													9/	9/8	10/	dozen.				
31	569	Ditto with Nut and Screw.....													9/6	10/6	11/	„				
31	570	Ditto Iron Handle, ditto													10/6	11/6	12/	„				
															11/6	12/6	13/	„				
															14	16	18	20	22	24	26	inches.
31	571	Strong Tinned Flesh Forks													5/6	5/8	6/	6/6	7/	9/9	13/3	dozen.
	572	Ditto with Hooks.....													6/9	6/9	7/6	8/9	10/	13/9	17/	„
															3½	4	4½	5	5½	6	inches.	
	573	Strong Tinned Ladles.....													6/3	7/3	8/	8/9	9/6	12/3	dozen.	
	574	Ditto with Flat Front.....													14/	15/	16/	17/	18/6	20/	„	
31	575	Connecting Shackles :—																				
		No.	00	0	1	2	3	4	5	6	7	8	9	10	11	12	13					
			2/10	3/	3/6	3/10	4/3	5/	6/	7/	7/9	8/9	10/3	11/6	13/	18/6	22/6	dozen.				
31	576	Improved Connecting Links :—																				
		½	5-16	¾	7-16	1	9-16	1½	11-16	1½	1	1½	1½	1½	2	2½	inches.					
		4/	4/8	5/8	7/4	8/8	10/	12/	14/	16/	20/	22/	24/9	28/	31/6	34/9	40/	dozen.				
		No. | 0 | 1 | 2 | 3 | 4 | 5 | 6																				
31	577	D Shackles..... | 1/ per lb. | 9½d. per lb.																				
31	578	Hook and Thimble, 41/ per cwt.																				
	579	Double Hook and Thimble, or Clip Hook, 49/ per cwt.																				
		No. | 0 | 1 | 2 | 3 | 4 | 5 | 6																				
	580	Top Sail Sheet Shackles .. | 1/2 per lb. | 11d. per lb.																				
	581	Spectacle Clues, 9½d. per lb.																				
		1 | 1½ | 1½ | 1½ | 2 | 2½ | 2½ | 2½ | 3 | 3½ | 3½ | 3½ | 4 inches.																				
582	Welded Ship	10/ | 10/ | 11/ | 12/ | 14/ | 15/9 | 18/6 | 21/9 | 26/ | 30/6 | 34/6 | 38/6 | 43/6 per gross.																				
	Thimbles...																					
583	Open ditto..	8/ | 8/ | 9/ | 10/ | 12/ | 13/9 | 16/6 | 19/9 | 24/ | 28/6 | 32/6 | 36/6 | 41/6 „																				
SAWS.																						
Hand, Panel, Ripping, and Grafting Saws.																						
		10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | inches																				
32	584	German Steel..... | 24/ | 28/ | 34/ | 40/ | 46/ | 50/ | 56/ | 62/ | 64/ | 70/ | 76/ | dozen.																				
32	585	Cast Steel. .... | 28/ | 34/ | 42/ | 48/ | 54/ | 56/ | 64/ | 72/ | 74/ | 80/ | 86/ | „																				
32	586	G. S. or C. S. Grafting Saws, same price as 584 or 585.																				
	587	Warranted London Spring..... | .. | .. | .. | .. | 66/ | 74/ | 84/ | 90/ | 96/ | 108/ | „																				
		Mahogany Handles, 8/ per doz. extra, gross. French-polished Handles, 6/ per doz. extra gross.																				
		Polished Plates to 26 inches, 40s. ; to 28 inches, 55s. ; to 30 inches, 70s. per doz. extra gross.																				
		Fine-toothed Saws, 10 to 12 points, 2s. ; above 12 points, 3s. per doz. extra gross.																				
Iron and Brass Back Saws.																						
		10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | inches.																				
	588	Warranted London Spring Brass Backs.. | 84/ | 96/ | 108/ | 120/ | 132/ | 144/ | 160/ | 180/ | dozen.																				
	589	Cast Steel Brass Backs																				
	590	Cast Steel Spring Iron Backs.....																				
32	591	Cast Steel Blue or Bright Backs																				
32	592	German Steel Bright Iron Backs																				
	593	Ditto Blue Backs																				
		Polished Plates and Backs to 18 inches, 48/ per doz. extra, gross.																				
		Mahogany Handles to 12 inches, 7/ ; to 14 inches, 8/ per doz. extra, gross.																				
		French-polished Handles, 6/ per doz. extra, gross.																				

PLATE.	No.	SAWS.—Continued.															
TABLE SAWS.																	
32	594	German Steel	18	20	22	24	26	inches.									
	595	Cast Steel	40/	44/	48/	52/	56/	dozen.									
			44/	48/	54/	58/	62/	„									
COMPASS OR LOCK SAWS.																	
32	596	German Steel	10	12	14	16	18	20	inches.								
	597	Cast Steel	13/	15/	18/	21/	24/	26/	dozen.								
			20/	21/	22/	24/	26/	28/	„								
CAST STEEL WEBS FOR CUTTING IRON OR BRASS.																	
32	598		8	9	10	11	12	13	14	15	inches.						
			10/	11/	12/	13/	14/	15/	16/	17/	dozen.						
FRET SAWS.																	
32	599	Fret Saws, assorted to 9 inches, 6/6; to 12 inches, 7/6; to 14 inches, 9/6 dozen.															
		Fret Saws, if Set and Sharped, 1/6 dozen extra gross.															
	600	Double Fret Saws, 9 to 12 inches, 13/ per dozen.															
32	601	Steel Doctors or Calico Webs, 33×2½ inches each	61/6	62/9	64/	66/	dozen.										
			21	20	19	18	Wire Gauge.										
		Steel Doctors or Calico Webs, 42×2½ inches each	73/6	75/6	77/6	79/6	dozen.										
			21	20	19	18	Wire Gauge.										
			85/	91/	97/	103/	109/	115/	dozen.								
		Composition Doctors or Calico Webs, 33×2½ in. each,	23	22	21	20	19	18	Wire Gauge.								
			99/6	107/	114/	121/6	129/	137/	dozen.								
		Composition Doctors or Calico Webs, 42×2½ in. each	23	22	21	20	19	18	Wire Gauge.								
			107/	114/	123/	134/	145/	158/	dozen.								
		German Silver Doctors or Calico Webs, 33×2½ in. each	23	22	21	20	19	18	Wire Gauge.								
			127/6	136/	147/	158/	171/6	186/	dozen.								
		German Silver Doctors or Calico Webs, 42×2½ in. ea.	23	22	21	20	19	18	Wire Gauge.								
CAST STEEL TURNING OR CHAIR WEBS, SET AND SHARPENED.																	
32	602	8/ 8/6 9/ 11/ 13/ 15/ 18/ 20/ 24/ 27/ 30/ 32/ 34/ 36/ 39/ 42/ 45/ 48/ 51/ 54/ 57/ dozen.															
		8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 inches.															
BILLET OR CANADA WEBS.																	
32	603	Cast Steel.....	28	30	32	34	36	39	42	45	48	51	54	57	60	in.	
	604	German ditto.....	35/	39/	44/	46/	54/	61/	66/	79/	103/	109/	113/	123/	140/	doz.	
			31/	35/	40/	42/	50/	55/	60/	73/	94/	100/	104/	114/	130/	„	
		Billet or Canada Webs, Setting and Sharpening, to 28 inches, 6/6; above 28 to 34 inches, 7/; above 34 to 45 inches, 10/ per dozen extra gross.															
FELLOE SAWS.																	
33	605	Cast Steel	4	4½	5	5½	6	6½	7	feet.							
			8/	9/	10/	12/	14/	16/	18/	each.							
CAST STEEL MULEY SAWS.																	
33	606	7 feet long by 12 inches wide, 4 and 6 gauge	66/	each.													
		7½ ditto ditto ditto	70/	„													
	607	7 ditto by 14 inches wide, ditto	74/	„													
		7½ ditto ditto ditto	80/	„													
PIT AND FRAME SAWS.																	
33	008	Cast Steel, Warranted ..	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10	feet.	
	009	Cast Steel	19/	21/	23/	26/	29/	32/	35/	40/	46/	50/	58/	66/	76/	each.	
	610	German Steel	16/6	17/6	19/6	21/	24/	26/	28/	33/	39/	46/	54/	62/	72/	„	
			15/	16/	18/	19/6	22/	24/	26/	30/	36/	42/	50/	58/	68/	„	
33	011	Cast Steel, Warranted ..	19/	21/	23/	26/	29/	32/	35/	40/	46/	50/	58/	66/	76/	„	
	612	Cast Steel	16/6	17/6	19/6	21/	24/	26/	28/	33/	39/	46/	54/	62/	72/	„	
	613	German Steel	15/	16/	18/	19/6	22/	24/	26/	30/	36/	42/	50/	58/	68/	„	
		Pit and Frame Saws, exceeding 11 inch heel, to advance 2/ per inch extra gross.															

PLATE.	No.	SAWS.—Continued.																							
CROSS CUT SAWS.																									
33	614	Cast Steel, Warranted...	14/	4½	19/	5	5½	20/	6	6½	28/	7	7½	34/	8	8½	42/	9	9½	48/	10	58/	66/	76/	feet.
	615	Cast Steel	13/		15/	18/	19/	22/	24/	26/	28/	31/	39/	45/	54/	62/	72/								"
	616	German Steel	12/		14/	17/	18/	20/	22/	24/	28/	36/	42/	50/	58/	68/									"
RUSSIAN FRAME SAWS.																									
33	617			5	5½	6	6½	7	feet long.																
				9½	10	10½	11	12	inches wide.																
				19/	21/	24/	26/	30/	each.																
RUSSIAN CROSS CUT SAWS.																									
34	618			3½	4	4½	5	feet long.																	
				6½	7½	8	8½	inches wide.																	
				9/	13/	15/	18/	each.																	
TUTTLE'S PATENT CROSS CUT SAWS.																									
33	619		4	4½	5	5½	6	6½	7	feet.															
			24/	26/	29/	32/	35/	38/	44/	each.															
The Patent Cross Cut Saw is sent out Set and Sharpened ready for use.																									
The Patent Cross Cut Saw is made of every Size, with large or small teeth.																									
CAST STEEL STAVE SAWS.																									
33	620		4½	5	5½	6	feet.																		
			17/	19/	21/	24/	each.																		
33	621	Saw and Sheet Steel Gauge,	each.																						
VENEER WEBS, WITH OR WITHOUT TEETH.																									
34	622		3½	4	4½	5	5½	6	feet.																
			10/	12/	14/	16/	18/	20/	each.																
If above 4½ inches wide, to advance 1/6 per ¼ inch extra gross.																									
CAST STEEL MILL SAW WEBS.																									
34	623	4 in. wide, 9/6	11/	12/	each.	6 in. wide, 18/6	20/6	22/	each.	7 in. wide, 26/6	28/6	each.													
		4½ ditto, 10/	11/6	12/6	"	6½ ditto, 19/6	21/6	23/	"	7½ ditto, 28/	29/6	"													
		5 ditto, 10/6	12/	13/	"	7 ditto, 20/6	22/	24/	"	8 ditto, 29/6	31/	"													
If wider or stronger than the dimensions named the price advances proportionably.																									
MILL SAWS.																									
34	624	Cast Steel	24/	26/	28/	32/	36/	40/	46/	52/	feet.														
	625	German Steel	20/	22/	24/	26/	29/	33/	38/	44/	each.														
Mill Saws, stronger than 8th Gauge, to be charged to 5½ feet, 2/; and above 5½ feet, 3/ per gauge extra gross.																									
C. S. Mill Saws, Hardened and Tempered, and stronger than the 10th gauge, to be charged to 5½ feet, 2/; above 5½ feet, 3/ per gauge extra gross.																									

PLATE.

No.

SAWS.—Continued.**CAST STEEL IVORY BLADES.**

626	12	14	16	18	20	22	24	26	28	30	33	36	38	40	inches.
	18/	21/	24/	27/	30/	33/	36/	39/	42/	45/	49/	54/	57/	60	dozen.

CAST STEEL STONE SAWS.

627	5	5½	6	6½	7	7½	8	feet.
	24/	26/	28/	31/	34/	38/	42/	each.

If exceeding 9 inches wide, 12/ per inch extra gross.

CAST STEEL SPAN WEBS.

628	12	14	16	18	20	22	24	26	28	30	33	36	38	40	inches.
	18/	21/	24/	27/	30/	33/	36/	39/	42/	45/	49/6	54/	57/	60/	dozen.

WARRANTED CAST STEEL CIRCULAR SAWS.

629	4	4½	5	6	7	8	9	10	12	14	16	18	20	22	24	26	28	30	inches.
	4/6	5/	6/	7/	8/	9/6	11/	13/	16/	20/	24/	30/	36/	42/	48/	56/	66/	76/	each.
	..	..	..	..	..	..	..	..	17	17½	18	15	14	14½	13	13	12	12	gauge.
	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	60	60	60	inches.
	88/	104/	120/	145/	160/	180/	215/	240/	270/	380/	420/	480/	570/	620/	680/	each.			
	12	12½	11	11	11½	10½	10	9½	9	8½	8	7	6	5½	5	5	5	5	gauge.

Circular Saws Stronger than the Gauge named, the prices advance proportionately. Improved Cast Steel Circular Saws, for cutting Iron, same price as above.

Instructions to be observed in Ordering Circular Saws.

First give the Thickness required by stating the Number of the Gauge ; Secondly, give the Number or form of the Tooth required ; Thirdly, give the size of the Tooth required, by stating the distance from Point to Point of Tooth, or the Number of Points within the Inch of Small Teeth ; Fourthly, give the Diameter of the Hole required for Spindle of Circular Saws.

CONVEX, SWAGED, OR BEVELLED CIRCULAR SAWS, FOR VENEERING.

630	15	16	18	20	inches.
	46/	49/	57/	71/	each, 9 Gauge by 19 Gauge on Tooth, and 2½ inch Swage.
631	24	26	28	30	inches.
	97/	113/	129/	145/	each, 9 Gauge by 19 Gauge on Tooth, and 3½ inch Swage.
632	24	28	32	36	inches.
	103/	127/	167/	200/	each, 8 Gauge by 19 Gauge on Tooth, and 4 inch Swage.
633	24	28	32	36	inches.
	111/	143/	175/	210/	each, 7 Gauge by 19 Gauge on Tooth, and 4 inch Swage.
634	24	28	32	36	inches.
	117/	145/	177/	214/	each, 7 Gauge by 19 Gauge on Tooth, and 5 inch Swage.
635	34	38	42	inches.	
	240/	306/	386/	each, 5 Gauge by 19 Gauge on Tooth, and 6 inch Swage.	

If Stronger than the above-named Gauges, will be charged extra.

All Saws of less Dimensions than those in the List to be charged the same price as the smallest size named.

FILES AND RASPS.—Continued.

Hand, Pillar, Needle, Round-off, Bone Files, Potance, and Flat with Two Round Edges.

	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	14	15	16	17	18	19	20	21	22	23	24	in.
Rough and Bastard	4/4	4/8	5/	5/6	6/8	7/4	8/	8/9	9/10	9/11	9/12	9/13	9/15	16/6	18/	19/6	22/	23/	28/6	34/6	41/	48/	55/	63/	72/	83/	94/	105/	117/	129/	dozen.
Second Cut	5/	5/4	5/9	6/2	7/6	8/6	9/6	10/6	11/6	12/8	13/9	15/	16/6	18/3	20/	22/	24/	26/6	28/	34/	40/	47/	57/	67/	77/	87/	98/	105/	116/	128/	"
Smooth	5/10	6/2	6/10	7/6	9/2	10/	10/10	11/8	12/6	13/6	14/9	16/	17/6	19/6	21/	23/6	26/	29/	30/	36/	44/	54/	64/	74/	85/	96/	107/	118/	129/	141/	"

EXTRAS.—All above 24 inches, 12 per inch extra. Hand Files, Cut on both Edges, also Hand Files, with Round Edges, as Equalling Files. Hand Files, Double Cut on the Edge, to advance Half-an-inch. Round-off with Points, advance 1 inch. Needle Files, exceeding Breadth of Hand Files, as Equallings.

EXTRAS.—All above 24 inches, 12/ per inch extra. Hand Files, Cut on both Edges, also Hand Files, with Round Edges, as Equaling Files. Hand Files, Double Cut on the Edge, to advance Half-an-inch. Round-off with Points, advance 1 inch. Needle Files, exceeding Breadth of Hand Files, as Equalings.

Equalling, Cant, Cross, Slotting, Tumbler, Riffle, Arch, Lock, Double-Tanged, and Blunt Mill Saw Files, Parallel Cotter.

	3½	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	14	15	16	17	18	19	20	21	22	in.
Rough and Bastard	5/	5/6	6/	6/8	7/4	8/	8/9	9/10	9/11	9/13	9/15	16/6	18/	19/6	22/	23/	28/6	34/6	41/	48/	55/	63/	72/	83/	94/	105/	117/	129/	dozen.	
Second Cut	5/9	6/2	6/10	7/6	8/6	9/6	10/6	11/6	12/8	13/9	15/	16/6	18/3	20/	22/	24/	26/6	28/	34/	40/	47/	57/	67/	77/	87/	98/	105/	116/	128/	"
Smooth	6/10	7/6	8/4	9/2	10/	10/10	11/8	12/6	13/6	14/9	16/	17/6	19/6	21/	23/6	26/	29/	30/	36/	44/	54/	64/	74/	85/	96/	107/	118/	129/	141/	"

EXTRAS.—All above 22 inches, 12/ per inch extra. Equaling, Double Cut on the Edge, to be charged half-an-inch extra. If Double Cut, 1 inch extra. Equaling and Cotter Files, extra thin, to advance 1 inch. Equaling, with Round Edges, to be charged half-an-inch extra.

EXTRAS.—All above 22 inches, 12/ per inch extra. Equalling, Double Cut on the Edge, to be charged half-an-inch extra. Equalling, with Round Edges, to be charged half-an-inch extra. If Double Cut, 1 inch extra. Equalling and Cotter Files, extra thin, to advance 1 inch.

Best Refined Cast Steel Saw Files.

	1 to 3	3½	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10	inches
Taper Three-Square, 2nd Cut, Single	3/4	3/4	3/9	4/3	4/9	5/4	6/6	7/9	8/6	9/6	10/6	11/6	12/6	14/6	16/6	dozen.
Taper Three-Square, 2nd Cut, Double	3/10	3/10	4/3	5/	5/6	6/1	7/3	8/9	9/6	10/6	11/6	12/6	14/6	16/6	18/6	"
Blunt Three-Square, 2nd Cut, Single	4/3	4/3	4/9	5/4	6/6	7/9	8/6	9/6	10/6	11/6	12/6	14/6	16/6	18/6	20/	"
Blunt Three-Square, 2nd Cut, Double	4/9	4/9	5/3	6/1	7/3	8/6	9/3	10/6	11/6	12/6	13/6	15/6	17/6	19/6	21/	"
Gullet and Frame Saw, 2nd Cut, Single	4/	4/	4/4	4/10	5/6	6/6	7/6	8/6	9/6	10/9	12/	13/3	14/6	16/	18/	"
Gullet and Frame Saw, 2nd Cut, Double	4/8	4/8	5/	5/10	6/6	7/6	8/6	9/9	10/9	12/	13/3	14/6	15/9	17/3	19/3	"
Do. Frame Saw, Fine, 2nd Cut, Single	5/4	5/4	5/7	6/3	7/	8/	9/3	10/3	11/3	12/6	13/9	..	..	..	..	"
Do. Frame Saw, Smooth Cut, Double	6/	6/	6/3	7/	7/10	8/10	10/	11/	12/3	13/9	15/9	..	..	..	..	"
Taper, Topping, 2nd Cut, Single	6/2	6/10	7/6	8/6	9/6	10/6	11/6	12/6	14/6	16/6	18/3	9/	..	..	..	"
Blunt Mill Saw, 2nd Cut, Double and Single	9/6	10/6	11/6	12/6	13/9	15/9	16/6	18/3	20/	..	..	..	..	..	..	"
Blunt Mill Saws, Smooth, Double and Single	10/10	11/8	12/6	13/6	14/9	16/	17/6	19/6	21/	..	..	..	..	..	..	"
Blunt Topping Files, 2nd Cut, Single	7/6	8/6	9/6	10/6	11/6	12/6	13/9	15/	16/6	..	..	..	..	..	..	"

Taper Mill Saws, Double Cut to 11 inch, 1/; all above, 1/3 per dozen extra. Mill Saw Files, with Two Round Edges, to advance half-an-inch.

No.	14	15	16	18	in.
674 Last Makers' Rasps, ..	35/	41/	52/	70/	doz.
675 Saddle-Tree ditto..	40/	48/	62/	80/	"
676 Rubbers, Rough and Bastard	1/3	per lb.	..	..	"
676A Ditto, Smooth	1/5	"	..	..	"
676B Ditto, Smooth	1/7	"	..	..	"
677 Strong Flat Files, & Half-thicks, Rough and Bastard	1/5	"	..	..	"
677A Ditto ditto, Second Cut ..	1/7	"	..	..	"
677B Ditto ditto, Smooth	1/9	"	..	..	"

Frame Equalling Saw Files, 3 inch on Half-round price. Single Improved Shoe Rasps, Half-in. on Half-round price. Double Improved Shoe Rasps, 1 in. on Half-round price. Round, Half-round, 3-Square, and Square Files, if Parallel, to advance 2 in. on their respective descriptions. All Dead Smooth Files double the price of Smooth. All quarter inches the price of the next size above. Round, Half-round, and Cross Files, Double Cut Second Cut, to advance Half-an-inch. Ditto Double Cut Smooth, to advance 1 inch.

PLATE.	No.	SKATES.					8	9	10	11	inch.
	682	Common Skates, Plain					2/6	2/9	3/3	3/9	pair.
	683	Ditto, Fluted					3/	3/3	3/9	4/3	"
	684	Middle Sort Skates, Steel, Plain					3/4	3/8	4/2	4/8	"
	685	Ditto ditto, Fluted					3/10	4/2	4/8	5/2	"
	686	Better Sort Skates, White Wood, Plain, all Sizes .....					..	..	..	5/6	"
	687	Ditto ditto, Fluted, ditto .....					..	..	..	6/6	"
	688	Ditto ditto, Coloured Wood, Plain, ditto .....					..	..	..	6/6	"
	689	Ditto ditto, ditto Fluted ditto .....					..	..	..	7/6	"
	690	Best Sort Skates, White Wood, Plain, ditto .....					..	..	..	7/6	"
	691	Ditto ditto, ditto, Fluted ditto .....					..	..	..	8/6	"
	692	Ditto ditto, Coloured Wood, Plain, ditto .....					..	..	..	8/6	"
	693	Ditto ditto, ditto, Fluted ditto .....					..	..	..	9/6	"
	694	Ditto ditto, Inlaid, Plain, ditto .....					..	..	..	11/	"
	695	Ditto ditto, ditto, Fluted ditto .....					..	..	..	12/	"
	696	Ditto ditto, Inlaid with Star, Plain, ditto .....					..	..	..	14/	"
	697	Ditto ditto, ditto, Fluted ditto .....					..	..	..	15/6	"
	698	Ditto ditto, London Pattern, Plain, ditto Polished Woods ..					..	..	..	9/	"
	699	Ditto ditto, ditto, Fluted ditto ditto ..					..	..	..	10/	"
	700	Improved ditto, London Club, Plain, ditto ditto ..					..	..	..	10/	"
	701	Improved Patent Spring Skates, Strapped, complete .....					..	..	..	15/	"

Boys' Straps, 1/9; Men's, 2/3; best, 3/.

JOINERS' TOOLS.

SQUARES.

		3	4½	6	7½	9	10½	12	15	18	21	24	30	inches
40	702	Plated Squares	14/	17/6	21/	26/	32/	37/	42/	58/	74/	90/	106/	122/ dozen.
40	703	Best ditto	18/6	22/6	26/	31/	38/	43/	48/	68/	84/	100/	116/	132/ "
	704	Ditto ditto, with Levels				76/	81/	86/	102/	116/	132/	150/	172/	"
	705	Ditto ditto, T Drawing Squares				56/	..	70/	84/	104/	124/	144/	168/	"
	706	London Pattern Bricklayers' Squares, 34/6 dozen.												
	707	Brass-Stocked Sash Squares, 2½ inches, 18/ dozen.												

MITRE SQUARES.

		8	10	12	14	16	inches.
708	Plated Mitre Squares	34/	40/	46/	55/	64/	dozen.
709	Best ditto ditto	50/	58/	66/	77/	88/	"

BEVILS.

		7½	9	10½	12	15	inches.
41	710	Plated T Bevils	22/	24/	26/	28/	36/ dozen.
41	711	Best ditto	26/	30/	34/	38/	46/ "
	712	Best Improved Sliding ditto	32/	36/	40/	44/	56/ "
	713	Plated Angle Bevils	24/	26/	29/	32/	.. "
	714	Best ditto	30/	34/	38/	42/	.. "

If with Thumb Screws, 4/ per dozen extra. | Wing Screws, 6/ extra.

715 Best London Pattern Bricklayers' Bevils, 34/6 per dozen.

BOAT BUILDERS' BEVILS.

		8	10	12	inches.
41	716	Boat Builders' Bevils, 2 Brass Blades			18/ 22/ 26/ doz.
	717	Ditto Plated ditto	26/	30/	36/ "
	718	Ditto Best ditto	36/	42/	48/ "

PLATE. No.

JOINERS' TOOLS.—Continued.

BEECH-WOOD SPOKESHAVES WITH CAST STEEL IRONS.

To | 2½ | 3 | 3½ | 4 | 4½ | 5 | 5½ | 6 | inches.

41	719	Beech-Wood Spokeshaves	12/	14/	16/	18/	22/	26/	30/	36/	dozen.
41	720	Ditto ditto Plated ditto	15/	18/	20/	23/	27/	32/	37/	42/	"
	721	Ditto ditto ditto, with Ivory	22/	26/	30/	...	..	..	..	..	"
	722	Ditto Wheelers' or Coachmakers'	16/	18/	20/	24/	28/	32/	36/	40/	"
	723	Ditto Plated Screw Iron	34/	38/	40/	46/	50/	56/	64/	72/	"
	724	Ditto London Pattern	16/	20/	24/	28/	..	..	..	..	"
	725	Ditto ditto Wheelers' or Coachmakers'	22/	26/	30/	34/	38/	42/	..	..	"
41	726	Ditto Coopers' Shaves, with Best Irons .....	..	..	..	32/	33/	34/	36/	40/	"
	727	Ditto ditto Bent, or Inside .....	..	..	..	46/	47/	48/	50/	54/	"

Ditto ditto, if Boxed in, 5/ per dozen extra to 5 inches; all above, 6/ per dozen extra.

BOXWOOD SPOKESHAVES, WITH CAST STEEL IRONS.

To | 2½ | 3 | 3½ | 4 | 4½ | 5 | 5½ | 6 | inches.

728	Boxwood Spokeshaves	18/	20/	22/	26/	36/	..	..	..	dozen.
729	Ditto Plated Spokeshaves	23/	26/	28/	33/	43/	..	..	..	"
730	Ditto ditto, with Ivory	29/	34/	40/	48/	..	..	..	..	"
731	Ditto Screw Iron Spokeshaves	38/	42/	48/	58/	..	..	..	..	"
732	Ditto ditto, Plated ditto	43/	48/	54/	66/	..	..	..	..	"
733	Ditto London Pattern ditto	21/	26/	30/	36/	..	..	..	..	"
734	Ditto ditto, Wheelers' or Coachmakers'	28/	32/	38/	44/	50/	56/	..	..	"

EBONY, OR OTHER FANCY HARDWOOD SPOKESHAVES, WITH CAST STEEL IRONS.

To | 2½ | 3 | 3½ | 4 | 4½ | 5 | 5½ | 6 | inches.

735	Ebony or Fancy Hardwood Spokeshaves	21/	24/	26/	..	..	..	..	..	dozen.
736	Ditto ditto, London Pattern	24/	29/	34/	..	..	..	..	..	"

CAST STEEL SPOKESHAVE IRONS.

To | 2½ | 3 | 3½ | 4 | 4½ | 5 | 5½ | 6 | inches.

41	737	C. S. Joiners' Spokeshave Irons	5/3	5/9	6/3	6/9	8/	9/	10/6	13/	dozen.
	738	Ditto ditto London Pattern	6/6	7/	8/	9/	..	..	..	..	"
	739	Ditto Wheelers' or Coachmakers'	6/	6/9	7/6	8/6	9/6	10/6	11/6	14/	"
	740	Ditto ditto London Pattern	8/	9/	10/6	12/6	14/	16/	18/	20/	"
	741	Best Coopers' Shave Irons .....	..	..	..	10/6	11/6	12/6	14/	17/	"

GAUGES.

MARKING GAUGES.

742	Beech-wood Marking Gauges	8/	per dozen.
743	Ditto Plated ditto	11/	"
744	Ditto Head Faced with Brass	18/	"
745	Ditto Head and Stem ditto	30/	"
746	Hardwood Marking Gauges	16/	"

PLATE. No.

JOINERS' TOOLS.—Continued.

CUTTING GAUGES.

747	Beechwood Cutting Gauges	10/ dozen.
748	Ditto Plated ditto	13/ "
749	Hardwood Cutting Gauges	18/ "
750	Ditto Brass-Hooped ditto	24/ "
751	Ditto Head Faced with Brass	33/ "
752	Ditto Head and Stem ditto	45/ "
753	New Cutting Gauges	30/ "
754	Ditto Head Faced with Brass	40/ "
755	Ditto Head and Stem ditto	50/ "
756	Improved Cutting Gauges	50/ "
757	Ditto Leather Cutters' Gauges	86/ "
758	Gauge Rowters, per Set of Eight	2/ "

MORTICE GAUGES.

759	Mortice Gauge, Split Stem	18/ "
760	Ditto, Improved Split Stem	22/ "
42 761	Ditto, Brass Slide	28/ "
762	Ditto, Best ditto	34/ "
763	Ditto, ditto Plated	40/ "
764	Ditto, Head Faced with Brass	48/ "
42 765	Ditto, Thumb or Turncrew Screw Slide	56/ "
766	Ditto, Head Faced with Brass	68/ "
767	Ditto, Reverse End Turncrew Slide	64/ "
768	Ditto, Patent, with Rack	104/ "
42 769	Improved Mortice Gauge, with Improved Stem	96/ "
770	Ditto, Patent, with Rack	120/ "

Cabinet, or Gents.' Gauges, same price.

Steel Faced Gauges, 6/ per dozen extra.

TURNSCREWS.

		3	4	5	6	7	8	9	10	11	12	inches.
771	Cast Steel, Black, London Pattern Turnscrows, let in strong Brass Ferrules	7/	8/6	10/	12/	14/6	17/	19/6	23/	27/	31/	dozen.
40 772	Ditto Bright ditto	8/	9/6	11/	13/	16/	18/6	21/	25/6	29/	33/	"
773	Ditto Box or Ebony Handles	12/	15/	18/	21/	24/	28/	32/	36/	41/	46/	"
774	Ditto do., worked Oval ..	15/6	17/6	21/	25/	29/	34/	39/	44/	49/	54/	"
40 775	Ditto do., Gentlemen's Fancy Turnscrows, assorted to 4 inches, 7/-											
776	Black Turnscrows, Common	4/	5/	6/6	8/							
777	Bright ditto., ditto ..	4/6	5/6	7/	9/							
778	Cast Steel London Pattern Turnscrows, Rosewood handles, Polished Blades, & German Silver Ferrules	15/	18/	21/	24/	28/	32/	36/	40/	46/	52/	"

TURNING SAWS AND FRAMES.

		To	10	12	14	16	18	20	inches.
41 779	Turning Saws, in Beechwood Frames	44/	50/	56/	66/	77/	88/	dozen.	
780	Ditto, with Improved Box Handle, Brass Collar	52/	60/	66/	78/	90/	104/	"	
781	Beechwood Saw Frame Handles, to 18 inch. 16/; above, 20/ per dozen pair.								
782	Boxwood ditto to 18 inch, 20/; above, 24/								
783	Boxwood, Octagon, London pattern ditto, to 18 inch, 26/								

PLATE.	No.	JOINERS' TOOLS.—Continued.										
SAW PADS, HAND PADS, SAW SETS, SPIRIT LEVELS, SCRAPERs, &c.												
42	784	Small Saw Pads									15/	dozen.
	785	Large ditto									18/	"
	786	Best Box									24/	"
	787	Best Ebony									26/	"
				6	9	12	15	18	21	24	tools.	
	788	Hollow Hand Pads	5/9	7/0	8/3	9/6	10/9	12/0	13/6	each.		
	789	Best Improved Brad Awl Pads, 8 Tools									30/	dozen.
	790	Middle ditto ditto									20/	"
	791	Common ditto ditto									16/	"
	792	Ebony and Rosewood ditto, 4/ per dozen extra gross.										
41	793	Best Hand Saw Sets									11/6	"
	794	Ditto, with Box or Hardwood Handles									13/	"
	795	Ditto, Fork or Turnscrow									14/	"
	796	Best Slide Saw Sets									20/	"
	797	Ditto, with Box Handles									24/	"
41	797A	Best Pit Saw Sets, 4 Gates, 13/; 5 Gates, 15/; 6 Gates, 20/; extra strong, 27/; if bright, 29/.										
				8	9	10	12	14	inches.			
41	798	Plated Spirit Levels	40/	44/	48/	56/	66/	dozen.				
	799	Ditto, both sides	52/	58/	64/	76/	88/	"				
Side View Spirit Levels, 3/ per dozen extra; Brass ditto, 8/.												
Common Scrapers, 3½ Blade, 8/; best Spring, 4½ Blade, 18/; Scraper Blades, 1d. per inch; Cast Steel												
Scraper Steels, 3/6 per doz.; Scraper Steels, Hardwood Handles, 7/6 per doz.; Ditto Beechwood, 5/6.												
SUNDRIES.												
				4	4½	5	5½	6	6½	7	inches.	
Gentlemen's C. S. Box Handle Drawing Knives			20/	22/	24/	26/	28/	30/	32/	dozen.		
Cast Steel Curriers' Steels											3/6	dozen.
Ditto ditto with beech handles											5/6	"
Ditto ditto with box handles											7/6	"
Scribing Tools											4/6	"
Marking Awls											3/6	"
Striking Knives											6/	"
Bolt Chisels											6/	"
Beech Chalk Line Reels											3/	"
Boxwood ditto											5/	"
Gentlemen's Mallets											12/	"
Joiners' Mallets, 18/; Carpenters'											20/	"
Brad and Nail Punches											1/6	"
Cast Steel ditto											2/6	"
Ditto extra Strong Flooring											5/	"
Brad Awl Blades, shouldered											6d.	"
Ditto, handled, round											1/8	"
Ditto, best improved Brad Awl Blades											8d.	"
Ditto, handled, oval											2/4	"
Oval Beech Brad Awl Handles											1/2	"
Ditto Boxwood ditto											5/	"
Flooring Awls											10d.	"
Improved ditto											1/6	"
Ditto, handled, oval											3/3	"
Ditto, round, with strong brass ferrules											5/	"
BRACES WITH BITS COMPLETE.												
40	800	BEST BRACES, 9/ each.										
			With	12	18	24	30	36	42	48	54	60 bits.
	801	Cast Steel Black Bits	13/8	16/	18/4	20/11	23/9	26/1	28/8	31/8	35/2	each.
	802	Ditto Bright ditto	14/7	17/4	20/2	23/2	26/6	29/3	32/4	35/9	39/9	"
	803	Ditto Straw Colour	15/3	18/4	21/6	24/10	28/6	31/7	35/	38/9	43/1	"
40	804	IMPROVED PLATED BRACES, 13/ each; if with improved brass neckheads, 2/ extra.										

PLATE.

No.

JOINERS' TOOLS.—Continued.

IMPROVED PLATED BRACES, WITH BITS COMPLETE.

	With	12	18	24	30	36	42	48	54	60	bits.
805	Cast Steel Black Bits	17/8	20/	22/4	24/11	27/9	30/1	32/8	35/8	39/2	each.
806	Cast Steel Bright Bits	18/7	21/4	24/3	27/2	30/6	33/3	36/4	39/9	43/9	"
807	Ditto straw Colour ditto	19/3	22/4	25/6	28/10	32/6	35/7	39/	42/9	47/1	"

Ebony, Box, or Rosewood Plated Braces, 12/ extra to Plated Beech.

40

808 IMPROVED SCOTCH IRON BRACES, 14s. EACH.

	With	12	18	24	30	36	42	48	bits.
809	Cast Steel Black Bits	20/6	22/6	24/6	26/9	29/3	31/3	33/6	each.
810	Ditto Bright Bits	21/5	23/10	26/4	29/6	32/	34/5	37/2	"
811	Ditto Straw Colour Bits	22/1	24/10	27/8	30/8	34/	36/9	39/10	"

Best Collars, for Sash Bits, 1/ per pair extra. Best Brace Heads, 24/ doz. Improved Brass Neck, 48/.

Black Bits, Cleaned out and Sharped, 4d. per dozen extra. Best Brace Pads, 30/ per dozen.

Gentlemen's Braces and Bits, same price as Carpenters'.

Bright Bits, 11d. per dozen more than Black; Straw Colour, 8d. per dozen more than Bright.

Coopers' Braces, 4/ each; Best, 5/; ditto, Lignum Head, 6/ each.

BRACE BITS.

CENTRE BITS, CAST STEEL.

		To	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	inches.				
42	812	Black	3/8	4/	4/3	4/6	4/9	5/	6/	7/	8/	9/	10/	11/	12/	14/	dozen.	
42	812A	Round centre bit.....	4/8	5/	5/3	5/6	5/9	6/	7/	8/	9/	10/	11/	12/	13/	14/	"	
	813	Bright centre bit.....	4/7	4/11	4/11	5/2	5/5	5/8	5/11	7/2	8/2	9/2	10/2	11/4	12/4	13/4	15/4	"
	814	Straw Colour	5/3	5/7	5/7	5/10	6/10	6/7	7/10	8/10	10/	11/	12/4	13/4	14/4	16/4	"	
42	814A	Saw Handle centre bits, 12/ per dozen.																

C. S. black centre bits, assorted 1/2 to 1 inch, 4/2 per dozen.

NOSE AND SHELL BITS.

	To	1/2	3-16	1/2	5-16	3/4	7-16	1/2	3/4	1	inch.
815	C. S. black nose shell or spoon bits	3/6	3/9	4/	4/3	4/6	5/6	6/6	10/	14/	dozen.
816	Ditto black sash and table bits....	4/6	4/6	4/6	5/	5/6	..	..	..	..	"
817	Long black wheeler bits	5/	5/9	6/3	6/9	8/3	9/3	9/3	..	..	"

C. S. black nose and shell bits, assorted, 1/2 to 3/4, 4/ per dozen.

	To	1/2	3-16	1/2	5-16	3/4	inch.
818	C. S. black gimlet bits	4/	4/	4/	5/	6/	dozen.
819	Ditto ditto taper bits, to 3/8 inch, 5/6; 1/2 inch, 7/6; 3/4 inch, 9/6; 1 inch, 11/6 per dozen.						
820	Ditto bright ditto, ditto, 6/5; ditto, 8/6; ditto, 11/; ditto, 13/ ..						
821	Ditto black bed ditto, to 7-16th inch, 6/; 1/2 inch, 7/ per dozen.						
822	Best centre cock ditto, to 3/8 inch, 15/; 1/2 inch, 16/; 3/4 inch, 17/; 1 inch, 18/ per dozen.						
823	Ditto ditto, plug ditto, 3/8 inch, 12/; 1/2 inch, 12/; 3/4 inch, 13/; 1 inch, 14/; 1 1/4 inch, 15/; 1 1/2 inch, 16/ doz						
824	Black floor dowling bits						4/6dozen.
825	Ditto brace turnscrows						3/6 "
826	Ditto flat head countersinks						4/ "
827	Ditto snail horn ditto						4/3 "
828	Ditto rose head ditto						4/6 "
829	Cast Steel, black, square, and half-round rinders						4/ "
830	Ditto, 5, 6, and 8 side ditto						5/6 "
831	Cast Steel bobbin bits						5/6 "
832	Bright bits extra to black						11d. "
833	Straw coloured ditto						1/7 "

BRACE BITS, IN SETS, ASSORTED.

		12	18	24	30	36	42	48	54	60	bits.
834	C.S. black bits, assorted	4/	6/	8/	10/3	12/9	14/9	17/	19/8	22/10	per set.
835	Ditto bright ditto ditto	4/11	7/4	9/10	12/6	15/6	17/11	20/8	23/9	27/5	"
836	Ditto straw colour ditto	5/7	8/4	11/2	14/2	17/6	20/3	23/4	26/9	30/9	"

42

		$\frac{1}{8}$	3-16	$\frac{1}{4}$	5-16	$\frac{3}{8}$	7-16	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	inch.
837	Black flat shank chairmakers' bits	..	..	3/	3/	3/	3/	3/	3/9	4/6	6/	7/6	doz.
838	Do. do. brushmakers'	3/	3/	3/6	4/	4/6	..	..	..	..	..	..	"
839	Ditto Cooper's Dowl- ing ditto	1/9	1/8	1/9	2/8	3/	..	..	..	..	..	..	"

All flat shank bits same price as square shanks.

42

840	To	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	inches.
		3/8	4/	4/6	5/	5/6	6/	7/	8/	9/	10/	13/	17/	21/	25/	30/	each.

	To	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	1	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{7}{8}$	inch.
841 Wheelers' Rounders	4/	4/8	5/	5/8	6/	6/8	7/	7/8	each.	

842	Warranted Cast Steel Shell Gimlets, assorted to $\frac{1}{4}$, $\frac{4}{8}$; all $\frac{1}{4}$, $\frac{5}{8}$ per dozen.
843	Ditto Patent ditto to $\frac{1}{4}$, $\frac{5}{8}$; all $\frac{1}{4}$, $\frac{6}{8}$ „

		$\frac{1}{2}$	5-16	$\frac{3}{8}$	7-16	$\frac{1}{2}$	9-16	$\frac{3}{4}$	inches.
844	Best Cast Steel shell spike Gimlets	6/	7/	8/	9/6	11/	13/	16/	dozen.
845	Ditto ditto box heads	8/6	9/6	10/6	12/6	14/6	17/	20/	"
846	Ditto ditto Patent Spike Gimlets	9/	10/	11/6	13/6	16/	19/	22/	"
847	Ditto ditto box heads	11/6	12/6	14/	16/6	19/6	23/	26/	"
848	Ditto Bellhangers' or Ship Gimlets	8/	9/	10/	11/	12/	14/	16/	"
849	Ditto ditto eyed	12/	13/	14/	15/	16/	18/	20/	"
850	Ditto Wheelers' Gimlets	5/	6/	7/	8/6	10/	12/	15/	"
851	Ditto Screw Anger Gimlets, box heads .....	..	..	..	..	..	..	..	"
	Ditto ditto assorted to $\frac{3}{8}$ inch, 8/6 per dozen; ditto to $\frac{1}{2}$ inch, 9/6 per dozen.								
852	Boxwood Cucumber Slices, 30/; with Improved Spring, 36/.								

853	Plough Plates, Steel	20/ dozen.
854	Ditto stops	26/ "
855	Sash Filister Stops	25/ "
856	Improved ditto	27/ "
857	Moving Filister Stops	17/ "
858	Improved Moving ditto	25/ "
859	Dado Trenching Stops	13/6 "

All Stops, with Improved Wing, 5/ dozen extra.

		To	1½	1¾	2	inches.
860	Coopers' Croze Irons	6/6	..	..	dozen.	
861	Best ditto	10/	13/4	14/	"	
862	Hawk Kneb ditto	16/	18/	20/	"	
863	Coopers' Croze Stocks				40/	dozen.
864	Best ditto				46/	"
865	Best Hawk Kneb Irons				55/	"

PLATE.	No.	PLANES.			
			Single. s. D.	Double. s. D.	Cast Steel Nutt'd Irons s. D.
43	866	Smoothing, to 2 inch.....	2 2	3 0	3 6
		Ditto, 2½ inch	2 4	3 2	3 9
		Ditto, 2¼ inch	2 6	3 4	4 0
		Ditto, 2⅝ inch	2 8	3 7	4 3
		Ditto, 2½ inch	2 10	3 10	4 6
43	867	Jack, 14 to 17 inch, to 2 inch	2 10	4 0	4 6
		Ditto ditto, 2½ inch	3 0	4 3	4 9
		Ditto ditto, 2¼ inch	3 3	4 6	5 0
43	868	Panel	3 6	5 3	5 9
	869	Ditto, slipped	0 0	5 6	6 6
	870	Trying, to 22 inch	4 6	5 9	6 3
		Long 24 inch	4 10	6 0	6 6
	872	Ditto, 26 inch.....	5 2	6 3	6 9
	873	Jointers, 28 inch	5 3	6 9	7 6
	874	Ditto, 30 inch	5 3	6 9	7 6
	875	Compass smoothing	2 6	3 6	4 0
	876	Toothings, coarse or fine.....	3 0	0 0	0 0
	877	Ditto, two irons	4 0	0 0	0 0
	878	Fork Stail	3 0	5 0	5 6
	879	Spout	4 6	0 0	0 0
	880	Smoothing raising	4 6	6 6	7 0
	881	Jack ditto.....	6 0	8 0	8 6
	882	Gent's smoothing	1 9	0 0	0 0
	883	Ditto Jack	2 4	0 0	0 0
	884	Coopers' Jointers	12 0	14 0	18 0
		Square brass nuts to common double irons, 3d. extra.			21 0
		Planes, with hardened top irons, 4d. extra.			
		Ditto with solid nutted top irons, 3d. extra.			
		A.			
	885	Astragals to ¾-in.....			2 2
		Every ⅛ extra.....	2d.		
	886	Astragal and hollow sash templets, boxed, per pair.....			7 6
	887	Astragal and hollow sash, two mouths			6 0
	888	Ditto with templets, extra.....			1 6
	889	Lamb's tongue sash and templets, per pair			7 0
		B.			
44	890	Beads, boxed, to ¾-in.....			2 6
	891	Ditto, slipped, to ¾-in.			3 0
		Every ⅛ extra.....	2d.		
	892	To answer for bead and torus			3 4
		Every ⅛ extra.....	3d.		
	893	Cock beads, boxed			2 6
	894	Double cock beads			4 0
	895	Chair foot			2 6
	896	Beads, double boxed			2 10
		Every ⅛ extra above ¾.....	3d.		

PLATE.	No.	PLANES.—Continued.											S.	D.
		C.												
	897	Cove and bead, to 1-in.	...	...	...	...	...	...	...	...	...	...	3	0
	898	Cornice, per inch	...	...	...	...	...	...	...	...	...	...	3	0
		F.												
43	899	Fluting Plane	...	...	...	...	...	...	...	...	...	...	2	6
	900	Moving filister	...	...	...	...	...	...	...	...	...	...	4	3
	901	Ditto ditto, brass slip stop and tooth	...	...	...	...	...	...	...	...	...	...	5	6
	902	Ditto ditto, brass screw stop and forked tooth	...	...	...	...	...	...	...	...	...	...	9	6
	903	Ditto ditto, with improved fence	...	...	...	...	...	...	...	...	...	...	10	6
	904	Sash filister, wood stop	...	...	...	...	...	...	...	...	...	...	5	6
	905	Ditto ditto, box screw stop	...	...	...	...	...	...	...	...	...	...	8	0
43	906	Ditto ditto, and capped stems	...	...	...	...	...	...	...	...	...	...	11	6
	907	Ditto ditto, shoulder boxed forked tooth and improved stop	...	...	...	...	...	...	...	...	...	...	16	0
	908	Cock bead filister	...	...	...	...	...	...	...	...	...	...	3	6
	909	Moving or sash filisters, dovetailed boxed extra	...	...	...	...	...	...	...	...	...	...	2	0
		G.												
43	910	Grooving planes, for slit deal, to $\frac{3}{4}$ -in. size per pair...	...	...	...	...	...	...	...	...	...	...	5	6
	911	Ditto, $\frac{7}{8}$ and 1-in.	...	...	...	...	...	...	...	...	...	...	5	10
		Every $\frac{1}{8}$ extra per pair	...	...	...	...	...	...	...	...	...	...	4d.	
	912	Long grooving, with handles, $1\frac{1}{4}$ and $1\frac{1}{2}$ -in.	...	...	...	...	...	...	...	...	...	...	9	6
		For every extra $\frac{1}{8}$ per pair...	...	...	...	...	...	...	...	...	...	...	6d.	
	913	Grooving planes, $\frac{1}{2}$ -in. plated back fence	...	...	...	...	...	...	...	...	...	...	7	0
	914	Ditto, $\frac{1}{2}$ -in. plated face and fence	...	...	...	...	...	...	...	...	...	...	9	0
	915	Ditto, $\frac{3}{8}$ and $\frac{1}{2}$ -in. plated back fence	...	...	...	...	...	...	...	...	...	...	7	3
	916	Ditto, $\frac{3}{8}$ and $\frac{1}{2}$ -in. plated face and fence	...	...	...	...	...	...	...	...	...	...	9	3
	917	Ditto, $\frac{7}{8}$ and 1-in. plated back fence	...	...	...	...	...	...	...	...	...	...	7	10
	918	Ditto $\frac{7}{8}$ and 1-in. plated face and fence	...	...	...	...	...	...	...	...	...	...	9	10
	919	Ditto, $1\frac{1}{4}$ and $1\frac{1}{2}$ -in. plated back fence	...	...	...	...	...	...	...	...	...	...	12	6
	920	Ditto, $1\frac{1}{4}$ and $1\frac{1}{2}$ -in. plated face and fence	...	...	...	...	...	...	...	...	...	...	13	6
	921	Moving grooving, plated back fence	...	...	...	...	...	...	...	...	...	...	12	6
	922	Moving grooving, plated face and fence	...	...	...	...	...	...	...	...	...	...	15	0
	923	Ditto, with handles	...	...	...	...	...	...	...	...	...	...	10	6
	924	Dado or carcass grooving, wood stop...	...	...	...	...	...	...	...	...	...	...	4	0
43	925	Ditto ditto, screw stop	...	...	...	...	...	...	...	...	...	...	6	0
44	926	Gothic sash and templets	...	...	...	...	...	...	...	...	...	...	7	0
	927	Grooving for draw bottom	...	...	...	...	...	...	...	...	...	...	3	0
		H.												
	928	Hollows and rounds, per pair	...	...	...	...	...	...	...	...	...	...	4	0
		Hand rail planes, according to pattern and number to set.												
	929	Table planes per pair...	...	...	...	...	...	...	...	...	...	...	4	0
		Gauges for ditto, each 6d.												

PLATE.	No.	PLANES.—Continued.												
		N.												
	930	Necking, to 1-in.	...	...	...	...	...	...	...	...	...	...	3	0
	931	Nosing, to 1-in.	...	...	...	...	...	...	...	...	...	...	3	2
		Every $\frac{1}{8}$...2d. extra.												
		0.												
44	932	Oveloe sash and templets, per pair	...	...	...	...	...	...	...	...	...	...	6	0
43	933	Ditto, with two mouths	...	...	...	...	...	...	...	...	...	...	5	0
	934	Ditto, with templets, extra	...	...	...	...	...	...	...	...	...	...	1	6
	935	Common oveloes or ogees, to $\frac{1}{4}$ -in.	...	...	...	...	...	...	...	...	...	...	2	2
		Every $\frac{1}{8}$ extra ... 2d.												
	936	Quirk oveloes or ogees, to 1-in.	...	...	...	...	...	...	...	...	...	...	3	0
		Every $\frac{1}{8}$ extra ... 4d.												
	936A	Quirk ogee and astragal, to 1-in.	...	...	...	...	...	...	...	...	...	...	4	0
	937	Back ogees to $\frac{1}{4}$ -in.	...	...	...	...	...	...	...	...	...	...	2	6
	938	Ditto ditto, and double square	...	...	...	...	...	...	...	...	...	...	3	0
	939	Ditto ditto, and beaded boxed, to 1-in.	...	...	...	...	...	...	...	...	...	...	3	6
44	940	Quirk ogees, slipped to 1-in.	...	...	...	...	...	...	...	...	...	...	3	4
44	940A	Quirk ogee and double square	...	...	...	...	...	...	...	...	...	...	4	0
44	940B	Cove quirk ogee and square	...	...	...	...	...	...	...	...	...	...	6	6
44	941	Ditto ditto, and cock bead, to 1-in.	...	...	...	...	...	...	...	...	...	...	3	4
44	941A	Ditto ditto, and quirk bead	...	...	...	...	...	...	...	...	...	...	4	0
44	942	Grecian ogee, to 1-in.	...	...	...	...	...	...	...	...	...	...	3	6
44	942A	Ditto ditto, and hollow	...	...	...	...	...	...	...	...	...	...	4	0
44	942B	Flat Grecian ogee	...	...	...	...	...	...	...	...	...	...	3	6
44	943	Grecian oveloe, to 1-in.	...	...	...	...	...	...	...	...	...	...	3	6
		Ditto, double boxed, extra...	...	...	...	...	...	...	...	...	...	...	0	4
44	943A	Quirk oveloe and square, to 1-in.	...	...	...	...	...	...	...	...	...	...	3	0
		Every $\frac{1}{8}$ extra to 2-inch, 4d. per $\frac{1}{8}$; 2-inch and upwards, 6d. per $\frac{1}{8}$ extra.												
44	944	Quirk oveloe and beads, to 1 in.	...	...	...	...	...	...	...	...	...	...	3	6
44	944A	Quirk oveloe, to 1-in.	...	...	...	...	...	...	...	...	...	...	3	0
		Every $\frac{1}{8}$ extra ... 4d.												
44	944B	Grecian oveloe and bead	...	...	...	...	...	...	...	...	...	...	6	0
	945	Old woman's tooth	...	...	...	...	...	...	...	...	...	...	1	9
		P.												
43	946	Plough plane, single plate, one iron	...	...	...	...	...	...	...	...	...	...	5	0
	947	Ditto ditto, double ditto, ditto	...	...	...	...	...	...	...	...	...	...	6	6
	948	Ditto ditto, 3 irons, wood stop	...	...	...	...	...	...	...	...	...	...	8	0
	949	Ditto ditto, 6 irons, ditto	...	...	...	...	...	...	...	...	...	...	10	0
	950	Ditto ditto, screw stop, 8 irons	...	...	...	...	...	...	...	...	...	...	14	6
	951	Ditto ditto, ditto, and capped stems	...	...	...	...	...	...	...	...	...	...	16	0
	952	Ditto with bright irons, ditto	...	...	...	...	...	...	...	...	...	...	17	0
	953	Best ploughs, with extra work on fence	...	...	...	...	...	...	...	...	...	...	19	0
	954	Improved stop ditto	...	...	...	...	...	...	...	...	...	...	20	0
	955	Screw stems ditto	...	...	...	...	...	...	...	...	...	...	22	0
	956	Ploughs to work straight or circular	...	...	...	...	...	...	...	...	...	...	36	0

PLATE.	No.	PLANES.—Continued.									
		R.									
										s.	d.
	957	Reed planes, fenced to work more reeds								5	0
	958	Reed planes, single reeds, 3s. 4d.; 2 reeds, 3s. 6d.; 3 reeds, 4s. 6d.; 4 reeds								6	0
	959	Side rabbit, per pair								4	6
	960	Side rounds, per pair ...								4	6
43	961	Square rabbit to 1½-in ...								2	2
		For every ½-in ... 2d. extra.									
	962	Skew rabbit, to 1½-in ...								2	4
		Boxed edges, skew or square, double price.									
		S.									
	963	Snipe bills per pair ...								5	0
	964	Ditto, shouldered box, per pair ...								6	6
	965	Side snipe per pair ...								7	0
	966	Spring plane ...								5	0
	967	Coopers' crozes ...								4	6
	968	Ditto shaves ...								2	6
	969	Ditto brace, wood pad ...								2	0
	970	Brush-makers' brace, with spring ...								2	6
	971	Sun-planes ...							5s. 6d.	7	0
		T.									
44	972	Torus plane, to ¾-inch ...								3	0
		Every ½ extra, 3d.									
		PLUMBERS' SHAVE HOOKS,									
		WITH HARDWOOD HANDLES.									
		Triangle or heart pattern ...								14/6	per doz.
		Ditto ditto, Blades only ...								5/0	„
		SHEEP SHEARS.									
		SOLID SHANK.									
	No. 1.....4	inches...10/	per doz.								
	2 ... 4½	do. ...11/	„								
	3 ... 5	do. ...12/	„								
	4 ... 5½	do. ...13/	„								
		Common Ground Hollow Shank.									
	No. 5 ... 5	inches...14/	per doz.								
	6 ... 5½	do. ...15/	„								
	7 ... 6	do. ...16/	„								
		Glazed Hollow Shank.									
	No. 8 ... 5	inches...15/	per doz.								
	9 ... 5½	do. ...16/	„								
	10 ... 6	do. ...17/	„								
	11 ... 6½	do. ...19/	„								
	12 ... 7	do. ...21/	„								
	13 ... 7½	do. ...25/	„								
	14 ... 8	do. ...27/	„								
		Glazed Hollow Shank Swaged.									
	No.15 ... 5	inches...16/	per doz.								
	16 ... 5½	do. ...17/	„								
	17 ... 6	do. ...18/	„								
	18 ... 6½	do. ...20/	„								
	19 ... 7	do. ...22/	„								
		Bright Hollow Shank.									
	No.20 ... 5	inches...17/	per doz.								
	21 ... 5½	do. ...18/	„								
	22 ... 6	do. ...19/	„								
	23 ... 6½	do. ...21/	„								
	24 ... 7	do. ...23/	„								
	25 ... 7½	do. ...27/	„								
	26 ... 8	do. ...30/	„								
		Black Hollow Shank.									
	No.27 ... 5	inches...17/	per doz.								
	28 ... 5½	do. ...18/	„								
	29 ... 6	do. ...19/	„								
	30 ... 6½	do. ...21/	„								
	31 ... 7	do. ...23/	„								
		Black or Bright Dorset Steel Bows.									
	No.....28	D..... 7½.....	25/	doz.							
		Black or Bright Cast Steel with Steel Bows.									
	No.....28½	29½	30½	inches.							
	5½	6	6½	inches.							
	20/	21/	23/								

PLATE. No.

SHEEP SHEARS.—Continued.

Black or Bright Swaged.			
No.32	...	5½ inches...	19/ per doz.
33	...	6 do.	20/ "
34	...	6½ do.	22/ "
35	...	7 do.	25/ "

Black or Bright Cast Steel Swaged Steel Bows.			
No.....	32½	33½	34½
	5½	6	6½ inches.
	21/	22/	24/

Black Cast Steel with Steel Bows.			
No.36	...	7½ inches...	25/ per doz.
37	...	7½ do.	27/ "
37½	...	7½ do.	31/ "

Black Cast Steel with Bright Steel Bows.			
No.38	...	7½ inches...	29/ per doz.
39	...	7½ do.	31/ "
39½	...	7½ do.	35/ "

Bright Cast Steel with Steel Bows.			
No.40	...	7½ inches...	25/ per doz.
41	...	7½ do.	27/ "
42	...	7½ do.	27/ "
42½	...	7½ do.	35/ "

Bright Cast Steel with Steel Bows.			
No.43	...	7½ inches...	29/ per doz.
44	...	7½ do.	31/ "
44½	...	7½ do.	35/ "

Bright Cast Steel with Steel Bows.			
No.45	...	7½ inches...	29/ per doz.
45½	...	7½ do.	33/ "

Best Bright Cast Steel with Bright Steel Bows.			
No.46	...	7½ inches...	31/ per doz.
47	...	7½ do.	33/ "
47½	...	7½ do.	37/ "

Black or Bright Tomlins with Steel Bows.			
No.	T	33	7½ 29/
No.	T	33½	7½ 32/

Black or Bright Cast Steel Tomlins with Bright Steel Bows.			
No.	T	34	7½ 32/
No.	T	34½	7½ 35/

Best Black or Bright Cast Steel Swaged Polished Steel Blades with Bright Steel Bows.			
No.	...	35	...
			45/

Docking, Dagging, Clagging, or Belting.			
No.	1	2	3 4 5 6
	15/	16/	18/ 19/ 20/ 21/

Fellmongers', Glovers', Thatchers', or Bag Shears,			
No. 46	47	48	49 50 51 52 53 54
	20/	21/	23/ 25/ 27/ 30/ 33/ 39/ 45/

HORSE SHEARS.

No.	1	2	3	4	5
	13/	14/	15/	16/	17/
Newmarket Horse Shears.					
No.	6	7	8	9	
	16/	17/	18/	19/	

Improved Long Shank.			
No.	100	101	102 103
	4½	5	5½ 6 inch.
	23/	24/	25/ 27/
If Cast Steel, 2/ per dozen extra			

Improved Bent Blades, 6d. per dozen. Any number Patented at 6/ per dozen extra.

BRIGHT CAST STEEL TROWEL SHANK WITH BRIGHT STEEL BOWS.

No. 60	61	62	63
5	5½	6	6½ inches.
31/	34/	37/	40/

ANVILS.

				per cwt.
Common...	3 qrs. to 2 cwt.	2 cwt. to 4 cwt.	4 cwt. and above.	
				per cwt.
Waranted ...	do.	do.	do.	
With two Beaks				per cwt. extra.

PLATE. No.

STEEL.**BEST REFINED CAST STEEL.**

	$\frac{1}{8}$	3-16	$\frac{1}{4}$	5-16	$\frac{3}{8}$	7-16	$\frac{1}{2}$	in. upwards.
SQUARE.. { Best Quality..								per cwt.
Second ditto..								"
FLAT.... { Best Quality..								"
Second ditto..								"
ROUND... { Best Quality..								"
Second ditto..								"

WELDING CAST STEEL, AXE TEMPER.



Best Quality.....								"
Second ditto.....								"
Best Cast Steel for TAPS and DIES.....								"

	To	20	21	22	23	24	25	26	27	28	30	32	34	36	Gauge.
Best Quality Sheet Steel															per cwt.
Second do...															"
Common do.															"
Best Refined Warranted Sheet Steel for ENGRAVERS' PLATES.....															"

SHEAR STEEL.

	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{4}$	1	in. upwards.
Best Warranted Double Shear Steel.....					per cwt.
Ditto Single ditto.....					"
Second Quality Double ditto.....					"
Ditto Single ditto.....					"
German Steel, best Quality.....					"
Ditto Second do.....					"

BLISTER BAR STEEL.

		CCND	(F)		JB	G _L	(L)	
Best Quality Coach Spring Steel.....								per cwt.
Second do. do.....								"

ENGINEERS' TOOLS, &c.

2A 973 Cast Steel Chipping Chisels, assorted patterns :—Flat, Half-round, Cross-cut, & Diamond Point, 1/ per lb.

VICES.

	4	4½	5	6	7	inch Jaws.
2A 974 Improved Parallel Bench Vice.....	55/	60/	65/	75/	95/	each.
2A 975 Ditto Portable Parallel Vice.....				135/	155/	"
Weight of 7 inch Jaws, 4 cwt. 1 qr.						
2A 976 Black Staple Bench Vice, 7d. per lb.; if Patent Spherical Washers, ½d. per lb. extra.						
977 Bright ditto, 8d. per lb.; ditto ditto, ditto.						

PULLEY BLOCKS.

	3	4	5	6	7	8	inches diameter.
978 One Sheave.....	8/6	12/6	25/	40/	50/	60/	each.
979 Two ditto.....	12/6	18/	30/	50/	70/	85/	"
980 Three ditto.....	18/	24/	40/	60/	80/	100/	"
981 Four ditto.....	20/	35/	50/	80/	100/	120/	"

CIRCULAR GAUGES, (INTERNAL AND EXTERNAL.)**MADE TO STANDARD MEASURE.**

982 No. 1 Set.— $\frac{1}{8}$ to 1 inch diameter, 15 Sizes, increasing by 1-16 inch.....	£10	10	0
Case for ditto.....	1	10	0
983 No. 2 Set.— $\frac{1}{8}$ to 2 inch diameter, 8 Sizes, increasing by $\frac{1}{8}$ inch.....	12	12	0
Case for ditto.....	1	15	0
984 No. 3 Set.— $\frac{1}{8}$ to 4 inch diameter, 8 Sizes, increasing by $\frac{1}{4}$ inch.....	15	15	0
Case for ditto.....	2	0	0

PLATE.

No.

ENGINEERS' TOOLS.—Continued.**NUT GAUGES.**

985	No. 1 Set.— $\frac{1}{4}$ to 1 inch diameter, 7 Sizes, increasing by $\frac{1}{8}$ inch	£2	5	0
986	No. 2 Set.— $1\frac{1}{4}$ to 2 inch diameter, 8 Sizes, increasing by $\frac{1}{8}$ inch	3	10	0
987	No. 3 Set.— $2\frac{1}{4}$ to 4 inch diameter, 8 Sizes, increasing by $\frac{1}{8}$ inch	5	5	0

NORTON'S SPINDLE GAUGES.

988	No. 1 Set.— $\frac{1}{4}$ to 1 inch diameter, 15 Sizes, increasing by 1-16 inch	2	0	0
989	No. 2 Set.—1-16 to $1\frac{1}{4}$ inch diameter, 8 Sizes, increasing by 1-16 inch	2	5	0
990	No. 3 Set.— $1\frac{1}{4}$ to $2\frac{1}{4}$ inch diameter, 8 Sizes, increasing by $\frac{1}{8}$ inch	3	0	0
991	No. 4 Set.— $2\frac{1}{4}$ to 4 inch diameter, 8 Sizes, increasing by $\frac{1}{8}$ and $\frac{1}{4}$ inch	4	0	0

SLIDE AND OTHER GAUGES, MADE TO ORDER.

Marked in Inches, Millimetres, Rhineland, or any other Measure.

PARALLEL STEEL STRAIGHT-EDGES, OR WINDING STRIPS.

992	12	15	18	21	24	30	36	42	48	60	72	inches long.
	20/	27/6	35/	42/6	50/	65/	80/	100/	130/	160/	200/	each.

993 **STRAIGHT EDGES.**—From Sheet Steel, No. 16 Gauge, 5d. per inch.

3A

994

CIRCULAR SAW TABLES,**COMPLETE with PLANED METAL TOP and ROLLERS, SPINDLE, COLLARS, PULLEY, and 1 SAW.**

	12	18	24	30	36	42	48	inches.
	£12 15s.	£16 10s.	£22	£28	£33 10s.	£40	£47	each.

Improved Parallel Fence or Gauge, for ditto £6 10 0 each.

Improved Feed Motion or Drag, for ditto £7 0 0 each.

SELF-ACTING CIRCULAR SAW TABLE,995 **COMPLETE with IMPROVED PARALLEL FENCE, SPRING ROLLER, SELF-ACTING DRAG, & 1 SAW.**

	30	36	42	48	inches.
	£45	£55	£65	£75	each.

CIRCULAR SAWS, OF BEST QUALITY, FOR DITTO.

996

CIRCULAR GROOVING SAWS,**LATHE TURNED, AND CUT TO ANY FORM OF TOOTH, OR TO ANY DIAMETER.**

3-16	$\frac{1}{4}$	5-16	$\frac{3}{8}$	7-16	$\frac{1}{2}$	9-16	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	inch thick.
1/8	1/9	1/10	2/	2/2	2/4	2/6	2/6	2/9	3/	3/6	per inch diameter.

3A

997

PUNCHING MACHINES AND FLY PRESSES.**WORKED BY HAND OR POWER.**

Weight Complete.....	1	2	3	4	5	6	7 $\frac{1}{2}$	10	cwt.
Height of Casting	16	20	24	28	32	36	40	44	inches
Price :—Worked by Hand.....	90/	130/	170/	210/	255/	325/	395/	510/	each.
Ditto by Steam Power.....									"

997A

TRIANGULAR BAR TURNING LATHES,**TRIANGULAR BAR LATHES, WITH FORK REST.**

Length of Bed.....	14	16	18	20	22	24	26	28	30	inches
Height of Centres.....	2 $\frac{1}{4}$	2 $\frac{1}{2}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	3 $\frac{3}{4}$	4	4 $\frac{1}{4}$	4 $\frac{1}{2}$	inches
Price.....	57/6	65/	95/	105/	115/	135/	155/	170/	190/	each.

3B

998

SELF-ACTING SLIDE LATHES,

Double-Power Gear Headstocks, Two Face Plates, Change Speed Wheels, for Sliding and Reversing-Motion, Self-Action for Transverse Surface Motion for all above 9 inch centres; Adjustable Back Stay; Top Driving Apparatus and Screw Keys, with Supporting Stays and Tumbling Motion for long Beds; and all the most recent Improvements:—

Height of Centres.....	6	7	8	9	10	11	12	13	14	15	16	18	20	in.
Length of Bed.....	6	7	8	9	10	11	12	13	14	16	18	21	24	ft.
Length between the Centres.....	3 $\frac{1}{2}$	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	7	8	9	10	11 $\frac{1}{2}$	13	15	17 $\frac{1}{2}$	ft.
Price :—Complete for Sliding	£ 50	60	80	90	100	110	130	140	160	170	200	240	280	ea.
Leading Screw and Change Wheels extra when for Screw Cutting..	£ 7	8	10	12	14	16	18	20	22	24	26	30	34	„
Longer or Shorter Bed, per Foot.....	25/	30/	35/	40/	50/	50/	60/	60/	70/	80/	90/	100/	120/	„

PLATE. No.

ENGINEERS' TOOLS.—Continued.

HAND LATHES,

Consisting of Two Headstocks, Catch Plate, Face Plate, Rest Socket, and Top Cone Pulley.

999	Height of Centres	6	7	8	9	10	11	12	13	14	15	16	18	20	inches.
1000	Single Speed Headstocks.. £	8	9	10	10/	12	14	16	18	20	22	24	30	40	50 each.
	Double-power Gear Head stocks	£	15	16	24	26	30	32	40	42	50	60	70	80	100/each.
	Beds Planed to fit Head- stocks, and fitted with Standards.....		20/	25/	30/	35/	40/	45/	50/	55/	60/	70/	80/	90/	100/per ft.
	Top Driving Apparatus (Two Hangers, Shaft, and Pulley)		50/	60/	70/	80/	90/	100/	110/	120/	130/	140/	150/	160/	180/each.
2A	1001	Compound Slide Rests.... £	6	7	8	9	10	11	12	13	14	16	18	21	25 each.
		Cup Chucks or Bell Chucks	8/ per inch diameter.												
		Four Screw Chucks	10/ "												
		Three-jawed Universal Chucks.....	14/ "												

FOOT LATHES,

Complete with Planed Metal Bed, Standards, Anti-friction Treadle and Chain, Crank and Driving Wheel, Hand Rest, Face Plate, Drill Chock, and Two Centres.

	Height of Centres.....	4	4½	5	5½	6	7	8	inches.
	Length of Bed	3	3½	4	5	6	7	8	feet.
1002	Single Gear Headstocks	£	10	11	12	15	18	22	28 each.
1003	Double Gear Headstocks	£	15	17	10/	21	25	30	40 50 each.
	Complete for Sliding and Screw Cutting £	33	36	40	45	50	60	70	each.
1004	Compound Slide Rests (Portable)..... £	5	5	10/	6	6	10/	7	8 10 each.
	Collar Plate with Drill Rest								

SELF-ACTING VERTICAL DRILLING MACHINES,

Portable Upright Drill, including Cast Iron Base, Circular Column, with Revolving Table, Vertical Slide, by Rack and Pinion, and Driving Apparatus attached:—

3A	1005	Single Power Gear	£25 to £50 each.
	1006	Double Power Gear.....	£40 to £200 "

SMALL BENCH DRILL,

FOR HAND OR OTHER POWER.

	Height	15	20	25	30	36	42	inches.
		50/	75/	110/	150/	210/	350/	each.

RAILWAY PLATELAYERS' TOOLS.

4A	1008	Permanent Way Cramps, for Curving Rails.....	7d. per lb.
	1009	Spiking Hammers.....	7d. "
	1010	Keying Hammers	7d. "
	1011	Platelayers Beating Pick	40/ per cwt.
	1012	Cast Steel Sets	1/ per lb.
	1013	Fish-Joint Holder.....	"
	1014	Fish-Joint Spanner	"
	1015	Strong Wood Lever, with Iron Shoe and 8, 10, 12 Feet Shaft ..	each.
	1016	Pointed Crowbar	per cwt.
	1017	Clawed Crowbar	"
	1018	Permanent Way Gauge....	"
	1019	Stone Pick	44/ "
	1020	Ditto Solid Cast Steel	1/10 per lb.
	1021	Pick Axe, 5 to 10 lbs.	42/ per cwt.
	1022	Pick, 5 to 0 lbs.....	42/ "
	1023	Pick Axe, 5 to 10 lbs.	42/ "
	1024	Stubbing Mattock.....	44/ "
	1025	Brazil Pick Axe.....	56/ "
	1026	Brazil Stone Pick	42/ "
	1027	Ditto Solid Cast Steel	1/10 per lb.
	1028	Australian Miners' Pick	2½ lb. 3 lb. 3½ lb. each.
			26/6 29/ 33/6 dozen.
	1029	Ditto ditto Electro Boracic Steel, Blued	2½ lb. 3 lb. 3½ lb. each.
			28/6 31/ 35/6 dozen

PLATE. No.

PRICES OF STEEL WIRE.

Best Round Cast Steel Wire, in Lengths or Rings, Pinion Sizes:—

1½ to 7-16 in. Z to A No. 1 to 15 | 16 to 30 | 31 to 38 | 39 to 46 | 47 to 50 | 51 to 54 | 55 to 57 | 58 to 60 |

5/0 | 2/6 | 2/6 | 2/9 | 3/0 | 3/6 | 4/0 | 4/10 | 6/0 | 7/0 | per lb. gross.

61 & 62 | 63 & 64 | 65 & 66 | 67 | 68 | 69 & 70 | 71 & 72 | 73 & 74 | 75 & 76 | 77 & 78 | 79 & 80 |

8/0 | 8/6 | 9/0 | 9/6 | 10/6 | 12/0 | 14/0 | 15/6 | 17/0 | 18/6 | 20/0 | per lb. gross.

BEST CAST STEEL PINION WIRE.

6's, 7's, 8's, 10's, and 12's. PINION A to D E to L M to P Q to U V to Z

1/0 1/6 2/0 2/8 3/0 per foot.

6's, 7's, 8's, 10's, & 12's... No. 1 to 11, at 7d. per ft.

6's No. 36 to 60, at 3d. per foot.

6's, 7's, & 8's..... No. 12 to 30, at 6d. "

7's & 8's..... No. 31 to 60, at 4½d. "

6's..... No. 31 to 35, at 4½d. "

10's & 12's..... No. 12 to 60, at 6d. "

Click Wire, 3d. per foot.

Brass Pinion Wire, same Gross Prices as Cast Steel Pinion Wire.

Spring Steel Needle Wire..... No. 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

2/0 | 2/0 | 2/2 | 2/4 | 2/6 | 2/8 | 2/10 | 3/0 | 3/6 | 4/0 | 4/6 | 5/0 | 6/0 | 7/0 | 8/6 | 10/0 | per lb.

First Quality of Cast Steel Needle Wire..... No. 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

1/8 | 1/9 | 1/10 | 2/0 | 2/3 | 2/5 | 2/8 | 3/0 | 3/7 | 4/3 | 4/11 | per lb.

Second Quality of Cast Steel Needle Wire No. 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

1/4 | 1/5 | 1/6 | 1/7 | 1/9 | 1/10 | 2/0 | 2/3 | 2/6 | 3/0 | | per lb.

Fine Fish Hook Wire, No. 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |

2/0 | 2/0 | 2/2 | 2/3 | 2/4 | 2/5 | 2/6 | 2/7 | 2/8 | 2/9 | 3/0 | 3/3 | 3/6 | 3/9 | 4/0 | 4/6 | 5/0 | 6/0 | 6/6 | 7/0 | lb.

Improved Shear Steel Wire, Iron Wire Sizes..... No. 1 to 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

0/11 | 1/0 | 1/0½ | 1/1 | 1/2 | 1/3 | 1/4 | 1/5 | 1/6 | 1/7 | per lb.

Best Cast Steel Wire, Iron Wire Sizes, No. 1 to 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

1/2 | 1/3 | 1/4 | 1/4½ | 1/5 | 1/6 | 1/7 | 1/8 | 1/9 | 1/10 | 2/0 | 2/2 | 2/4 | 2/6 | 2/9 | 3/0 | lb.

Mild Cast Steel Wire, iron wire sizes, No. 1 to 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

0/10½ | 0/11 | 1/0 | 1/0½ | 1/1 | 1/2 | 1/3 | 1/4 | 1/5 | 1/6 | 1/7 | 1/9 | 1/10 | 2/0 | 2/3 | 2/6 | lb.

Best Common Steel Wire, } No. 1 to 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

Iron Wire Sizes }

0/9 | 0/9½ | 0/10 | 10/10½ | 0/11 | 1/0 | 1/1 | 1/2 | 1/3 | 1/4 | 1/5 | 1/6 | 1/8 | 1/9 | 2/0 | 2/3 | lb.

Best Cast Steel Rope Wire, Iron Wire Sizes, No. 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |

0/11 | 1/0 | 1/0½ | 1/1 | 1/2 | 1/3 | 1/4 | 1/5 | 1/6 | 1/7 | 1/9 | lb.

Best German Steel Music Wire..... No. 10 to 24 at per lb. Net.

Best Selected Watch Spring Wire..... No. 1 to 14 at per lb. Net.

BEST IRON WIRE.

Best Iron Wire... No. 0 to 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |

19/ | 19/6 | 20/20 | 6/21 | 21/0 | 22/22 | 6/23 | 23/6 | 24/6 | 25/6 | 26/6 | per bundle of 63 lb.

Best Iron Wire..... No. 20 | 21 | 22 |

27/6 | 28/6 | 29/6 | per bundle of 60 lb.

Allowance per bundle

Annealed or Bright Iron Wire.. No. 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |

5/ | 5/3 | 5/6 | 5/9 | 6/ | 6/6 | 7/ | 7/6 | 8/8 | 6/9 | 6/11 | 12/14 | 6/ | per Stone of 12 lb.

Prepared Fencing Wire, in long lengths, } No. 0 to 6 | 7 to 8 |

Annealed or Bright..... } per Ton Net.

Galvanizing Wire } No. 0 to 6 | 7 to 9 | 10 to 12 | 13 to 15 | 16 to 19 | 20 | 21 | 22 |

Extra per bundle. }

Best Selected Charcoal Wire per bundle extra Net.

Do. Tinned " " " "

Do. Tinned Iron Wire.. " "

Coppered Wire..... " "

Bottling Wire, Cut in Lengths, 9d. per stone extra.

Wire put in ½ and 1 lb. hanks. 2/; in ¼ lb., 2/6 per bundle extra.

Papering, 2d.; Cotton Bagging, 1½d. per bundle.

Cast Steel Flat, Oval, Half-round, Three-square, Fluted, Concave, and Square Wire, to order.

Hand Hammered Steel, Flat, Half-flat, and Square. | S. C. Sizes. |

No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

per lb.

Hand Hammered Steel, Round. | S. C. Sizes. |

No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

per lb.

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